

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO 100'S	+MULTI- FILTER 100'S	+MULTI- FILTER
HU HUNGARY	PROD. CENTERS OR MANUFACTURER	EGER	SERRIERES	EGER	EGER	EGER	EGER
	CIGARETTE CODE	MLK51	MBX13	MLL14	MLG04	MPH19	MPM01
	SIZE/NB PER PACK	KS F/20	100 F/20	KS F/20	100 F/20	100 F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 4	A 03 1	A 00 4	A 00 1	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	20.8	10.5	12.8	18.4	14.6	14.3
DPM DRY.PARTIC.MATTER	MG/CIG	17.3	9.6	11.7	16.5	13.5	12.7
TAR (=TPM-SN-H2O)	MG/CIG	16.4	8.9	10.9	15.5	12.7*	11.9
SN SMOKE NICOTINE	MG/CIG	1.01	0.68	0.80	1.02	0.79*	0.73
RATIO SN/TAR	%	6.2	7.7	7.4	6.6	6.3	6.1
PUFF COUNT	NO./CIG	8.5	9.6	8.7	10.4	9.3*	8.0
CO CARBON MONOXIDE	MG/CIG	16.2	9.3	7.5	14.6	15.0	15.0
NO NITROGEN MONOXIDE	MG/CIG	0.25	0.14	0.14	0.23	0.15	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.75	1.74	1.82	1.75	1.36	1.39
REDUCING SUGARS	%	7.8	7.6	6.5	7.9	9.8	10.5
NITRATE NITROGEN	%	0.23	0.20	0.24	0.23	0.17	0.17
AMMONIA NITROGEN	%	0.22	0.26	0.26	0.22	0.12	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	810	828	872	943	887	795
DENSITY AT 12.5 % OV	MG/ML	259	239	277	259	243	253
OV AT EQUILIBRIUM	%	13.0	13.3	12.6	12.7	12.3	12.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1024	1108	1095	1200	1210	1089
CIG. LENGTH, TOTAL	MM	84	99	84	99	99	84
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.88/24.7	7.91/24.8	7.91/24.8	7.92/24.8	7.91/24.8
CIG. RTD	MM H2O	122	113	96	129	136	140
CIG. VENTILATION	%		35	36	11	11	
FIRMNESS AS IS	MM	2.58	2.99	2.76	2.30	2.25	2.21
OVEN VOLATILES AS IS	%	11.6	12.6	11.8	11.5	10.8	10.4
FIRMNESS AT 12.5 % OV	MM	2.94	2.94	3.06	2.73	2.94	3.04
CIG. PAP. VENTIL. SYST.			EP				

F I L T E R

FILTER TYPE		S	S	S	S	D	D
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	28	20	25	25	20
FILTER-LENGTH PLUG 1	MM					12.0	10.0
FILTER-LENGTH PLUG 2	MM					13.0	10.0
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE						AC	AC
FILTER WEIGHT	MG/FIL	160	214	162	197	268	247
FILTER RTD	MM H2O	68	99	67	81	82	80
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	24	32	32	29	29	24
TIPPING PAPER TYPE	IC		ICWHDL	ICWHDL	ICD	WNGRD	WNGRD
TIPPING PERFO. TYPE			EP2	EP2	EP2	EP2	
TIPPING, PERFO. LINES	NO.						

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MURATTI
		AMBASSADOR
		KING SIZE
HU HUNGARY	PROD. CENTERS OR MANUFACTURER	SERRIERES
	CIGARETTE CODE	MAK05
	SIZE/MB PER PACK	KS F/20
	SAMPLING CODE	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.5
DPM DRY.PARTIC.MATTER	MG/CIG	8.9
TAR (=TPM-SN-H2O)	MG/CIG	8.2*
SN SMOKE NICOTINE	MG/CIG	0.70*
RATIO SN/TAR	%	8.6
PUFF COUNT	NO./CIG	8.4
CO CARBON MONOXIDE	MG/CIG	7.9
NO NITROGEN MONOXIDE	MG/CIG	0.08

F I L L E R

ALKALOIDS, TOTAL	%	1.74
REDUCING SUGARS	%	11.0
NITRATE NITROGEN	%	0.14
AMMONIA NITROGEN	%	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	717
DENSITY AT 12.5 % OV	MG/ML	231
OV AT EQUILIBRIUM	%	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1009
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9
CIG. RTD	MM H2O	102*
CIG. VENTILATION	%	44*
FIRMNESS AS IS	MM	2.66
OVEN VOLATILES AS IS	%	11.7
FIRMNESS AT 12.5 % OV	MM	2.99
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE		D
FM FILTER MATERIAL		CA
FILTER LENGTH, TOTAL	MM	21
FILTER-LENGTH PLUG 1	MM	9.0
FILTER-LENGTH PLUG 2	MM	12.0
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		AC
FILTER WEIGHT	MG/FIL	245
FILTER RTD	MM H2O	77
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	25
TIPPING PAPER TYPE		WHGRD
TIPPING PERFO. TYPE		MLPS
TIPPING, PERFO. LINES	NO.	4*

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+RAFFLES
		100'S
EI IRELAND	PROD. CENTERS OR MANUFACTURER	CARROLL
	CIGARETTE CODE	RAH05
	SIZE/MS PER PACK	100 F/10
	SAMPLING CODE	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	14.3
DEPM DRY.PARTIC.MATTER	MG/CIG	13.0
TAR (=TPM-SN-H2O)	MG/CIG	12.0*
SN SMOKE NICOTINE	MG/CIG	1.09*
RATIO SN/TAR	%	9.2
PUFF COUNT	NO./CIG	9.2*
CO CARBON MONOXIDE	MG/CIG	13.5
NO NITROGEN MONOXIDE	MG/CIG	0.07

F I L L E R

ALKALOIDS, TOTAL	%	2.28
REDUCING SUGARS	%	12.6
NITRATE NITROGEN	%	0.08
AMMONIA NITROGEN	%	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	869
DENSITY AT 12.5 % OV	MG/ML	237
OV AT EQUILIBRIUM	%	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1124
CIG. LENGTH, TOTAL	MM	100
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9
CIG. RTD	MM H2O	131
CIG. VENTILATION	%	13
FIRMNESS AS IS	MM	2.33
OVEN VOLATILES AS IS	%	11.4
FIRMNESS AT 12.5 % OV	MM	2.80
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 26
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 198
FILTER RTD	MM H2O 87
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 30
TIPPING PAPER TYPE	ICD
TIPPING PERFO. TYPE	EPZ
TIPPING, PERFO. LINES	NO.

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAMEL
IL ISRAEL	PROD. CENTERS OR MANUFACTURER	REYNOLDS
	CIGARETTE CODE	CAKOC
	SIZE/MB PER PACK	KS F/20
	SAMPLING CODE	B 03 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.8
DPM DRY.PARTIC.MATTER	MG/CIG	15.5
TAR (=TPM-SN-H2O)	MG/CIG	14.6
SN SMOKE NICOTINE	MG/CIG	0.90
RATIO SN/TAR	%	6.2
PUFF COUNT	NO./CIG	6.9
CO CARBON MONOXIDE	MG/CIG	13.5
NO NITROGEN MONOXIDE	MG/CIG	0.27

F I L L E R

ALKALOIDS, TOTAL	%	1.80
REDUCING SUGARS	%	7.0
NITRATE NITROGEN	%	0.27
AMMONIA NITROGEN	%	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	695
DENSITY AT 12.5 % OV	MG/ML	225
OV AT EQUILIBRIUM	%	11.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	910
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8
CIG. RTD	MM H2O	118
CIG. VENTILATION	%	
FIRMNESS AS IS	MM	2.22
OVEN VOLATILES AS IS	%	11.7
FIRMNESS AT 12.5 % OV	MM	2.53
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 21
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 169
FILTER RTD	MM H2O 58
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 25
TIPPING PAPER TYPE	IC
TIPPING PERFO. TYPE	
TIPPING, PERFO. LINES	NO.

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+ PME Brand (.) Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAMEL	CAMEL EXTRA LIGHTS	CAMEL LIGHTS	CAMEL LIGHTS 100'S	CAMEL NON FILTER	CAPRI
IT ITALY	PROD. CENTERS OR MANUFACTURER	REYNOLDS	REYNOLDS	REYNOLDS	REYNOLDS	REYNOLDS	BAT DB
	CIGARETTE CODE	CAKIC	CCDAC	CACBC	CBKAC	CASBC	CPIDC
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	100 F/20	REG N/20	100 F/20
	SAMPLING CODE	B 00 4	B 00 4	B 00 4	B 00 4	B 01 2	B 00 4

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	16.9	4.4	10.7	11.6	21.9	10.7
DPM DRY. PARTIC. MATTER	MG/CIG	15.0	4.1	9.7	10.7	19.3	9.5
TAR (=TPM-SN-H2O)	MG/CIG	14.0	3.7	8.9	9.9	18.1	8.8
SN SMOKE NICOTINE	MG/CIG	1.03	0.36	0.75	0.83	1.20	0.70
RATIO SN/TAR	%	7.4	9.7	8.3	8.4	6.6	7.9
PUFF COUNT	NO./CIG	8.4	8.6	7.7	9.2	6.7	8.3
CO CARBON MONOXIDE	MG/CIG	13.1	4.2	8.6	9.7	10.1	6.7
NO NITROGEN MONOXIDE	MG/CIG	0.23	0.08	0.15	0.16	0.18	0.09

F I L L E R

ALKALOIDS, TOTAL	%	1.97	1.92	1.93	1.92	1.96	1.93
REDUCING SUGARS	%	7.6	9.5	8.0	8.0	9.1	7.5
NITRATE NITROGEN	%	0.27	0.24	0.27	0.27	0.24	0.19
AMMONIA NITROGEN	%	0.16	0.13	0.20	0.20	0.14	0.25
TOB. WT. AT 12.5 % OV	MG/CIG	764	731	721	867	853	444
DENSITY AT 12.5 % OV	MG/ML	245	234	231	234	242	276
OV AT EQUILIBRIUM	%	12.7	12.4	12.4	12.3	12.8	12.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	985	951	942	1130	907	598
CIG. LENGTH, TOTAL	MM	84	84	84	100	70	97
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.94/24.9	7.94/24.9	7.95/24.9	8.05/25.2	5.41/16.9
CIG. RTD	MM H2O	103	96	99	102	48	147
CIG. VENTILATION	%	17	66	35	34		51
FIRMNESS AS IS	MM	3.21	2.97	3.15	3.21	2.74	2.32
OVEN VOLATILES AS IS	%	12.9	13.2	13.0	12.9	13.1	12.8
FIRMNESS AT 12.5 % OV	MM	3.04	2.69	2.95	3.06	2.52	2.21
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	21	21	25	27
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL. ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	167	169	169	198	111
FILTER RTD	MM H2O	67	104	83	84	101
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	25	25	30	32
TIPPING PAPER TYPE		IC	IC	IC	ICD	WHDL
TIPPING PERFO. TYPE		EPZ	MLPM	MLPM	MLPM	MLPS
TIPPING, PERFO. LINES	NO.		1	1	1	2

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IT

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAPRI MENTHOL	CAPRI SUPER- LEGGERA	CARTIER LUXURY MILD	CARTIER VENDOME	+CHESTER- FIELD	+CHESTER- FIELD LIGHTS
IT-ITALY	PROD. CENTERS OR MANUFACTURER	BAT DB	BAT DB	ROTHMANS	ROTHMANS	MUNICH	MUNICH
	CIGARETTE CODE	CPHAC	CPKAC	CAIAC	CBCAC	CEG04	CEN03
	SIZE/NB PER PACK	100 F/20	100 F/20	100 F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 2	B 00 4	B 01 1	B 00 4	A 00 4	A 00 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.1	4.1	12.6	8.0	17.3	9.0
DPH DRY.PARTIC.MATTER	MG/CIG	9.0	3.8	11.7	7.4	14.8	8.2
TAR (=TPM-SN-H2O)	MG/CIG	8.3	3.4	10.8*	6.9	13.8	7.7
SN SMOKE NICOTINE	MG/CIG	0.70	0.38	0.94*	0.57	0.96	0.58
RATIO SN/TAR	%	8.4	11.0	8.7	8.3	7.0	7.6
PUFF COUNT	NO./CIG	8.5	8.6	9.0	8.7	8.3	7.8
CO CARBON MONOXIDE	MG/CIG	5.5	2.2	8.9	7.8	13.8	9.1
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.03	0.08	0.06	0.16	0.11

F I L L E R

ALKALOIDS, TOTAL	%	1.90	1.97	1.76	1.62	1.86	1.81
REDUCING SUGARS	%	7.7	7.2	12.0	11.2	6.4	8.6
NITRATE NITROGEN	%	0.13	0.19	0.14	0.14	0.17	0.17
AMMONIA NITROGEN	%	0.14	0.23	0.09	0.09	0.18	0.17
TOB. WT. AT 12.5 % OV	MG/CIG	444	427	818	728	752	689
DENSITY AT 12.5 % OV	MG/ML	277	264	241	240	244	239
OV AT EQUILIBRIUM	%	12.3	12.5	12.5	12.3	13.5	13.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	601	580	1061	942	969	953
CIG. LENGTH, TOTAL	MM	97	97	94	94	84	84
CIG. DIAMETER/CIRCUMFER.	MM	5.40/16.9	5.42/17.0	7.91/24.8	7.48/23.4	7.90/24.8	7.88/24.7
CIG. RTD	MM H2O	150	79	109*	109	102	107
CIG. VENTILATION	%	56	84	18*	43	13	35
FIRMNESS AS IS	MM	1.94	2.12	3.14	2.64	2.84	2.77
OVEN VOLATILES AS IS	%	12.3	11.9	12.3	12.4	12.7	12.8
FIRMNESS AT 12.5 % OV	MM	2.02	2.35	3.22	2.67	2.76	2.66
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	27	27	25	25	21
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	113	110	187	165	158
FILTER RTD	MM H2O	106	102	63	84	63
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	29	29	25
TIPPING PAPER TYPE	WHDL	WHDL	ICD	WHD	IC	ICWHDL
TIPPING PERFO. TYPE	MLPS	MLPM	EPZ	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.	2	1			

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CORTINA ULTRA LIGHTS	+DIANA	+DIANA	+DIANA	+DIANA SPECIALLY MILD	FUTURA
IT ITALY	PROD. CENTERS OR MANUFACTURER	BAT DB	MTI ROVERE	MTI VERONA	MTI MODENA	MTI MODENA	MONITAL
	CIGARETTE CODE	CTAAC	DIK01	DIK01	DIK01	DIS01	FUTAC
	SIZE/MB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 4	A 00 4	A 00 4	A 02 2	A 00 3	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	1.2	16.4	16.8	16.9	11.4	5.1
DPM DRY.PARTIC.MATTER	MG/CIG	1.1	14.2	14.6	14.3	10.3	4.7
TAR (=TPM-SN-H2O)	MG/CIG	1.0	13.3	13.7	13.4	9.6	4.3
SN SMOKE NICOTINE	MG/CIG	0.10	0.95	0.91	0.92	0.72	0.43
RATIO SN/TAR	%	10.4	7.2	6.7	6.9	7.5	9.9
PUFF COUNT	NO./CIG	8.1	8.3	8.0	7.8	8.3	9.2
CO CARBON MONOXIDE	MG/CIG	1.6	13.0	14.3	14.6	10.3	
NO NITROGEN MONOXIDE	MG/CIG	0.03	0.17	0.18	0.18	0.13	

F I L L E R

ALKALOIDS, TOTAL	%	1.95	1.78	1.79	1.76	1.73	1.56
REDUCING SUGARS	%	5.9	9.6	9.3	11.0	9.9	9.6
NITRATE NITROGEN	%	0.27	0.20	0.20	0.21	0.20	0.29
AMMONIA NITROGEN	%	0.19	0.15	0.14	0.14	0.15	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	693	771	757	719	741	740
DENSITY AT 12.5 % OV	MG/ML	222	247	241	229	235	257
OV AT EQUILIBRIUM	%	12.3	12.6	12.4	12.5	12.5	12.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	942	968	952	916	939	985
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.87/24.7	7.91/24.8	7.92/24.8	7.92/24.8	7.88/24.7
CIG. RTD	MM H2O	36	111	117	112	106	111
CIG. VENTILATION	%	84	11	11	11	32	54
FIRMNESS AS IS	MM	3.24	2.93	2.63	1.92	2.57	2.24
OVEN VOLATILES AS IS	%	12.3	12.9	11.4	9.3	11.6	10.9
FIRMNESS AT 12.5 % OV	MM	3.33	2.77	3.08	3.23	2.95	2.87
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		PSP	S	S	S	S	S
PM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	20	20	20	20	25
FILTER-LENGTH PLUG 1	MM	8.0					
FILTER-LENGTH PLUG 2	MM	7.0					
FILTER-LENGTH PLUG 3	MM						
PA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	196	142	144	142	146	195
FILTER RTD	MM H2O	120	62	62	62	76	93
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	28	25	25	25	25	30
TIPPING PAPER TYPE		ICDL	IC	IC	IC	IC	ICWHD
TIPPING PERFO. TYPE		LPM	EPZ	EPZ	EPZ	EPZ	MLPS
TIPPING,PERFO. LINES	NO.	1					4

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	KIM LEGGERA	KIM SUPER- LEGGERA	KIM ULTRA SLIM	+L & M	+LARK	LIDO TRIPLO FILTRO MONITAL
IT-ITALY	PROD. CENTERS OR MANUFACTURER	BAT DB	B.A.T.	BAT DB	MUNICH	MUNICH	
	CIGARETTE CODE	KIHBC	KIOAC	KIDAC	LMK08	LAG01	LLOAC
	SIZE/NO PER PACK	100 F/20	100 F/20	100 F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 4	B 00 4	B 00 2	A 00 3	A 01 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	8.5	3.1	7.8	16.0	16.1	14.6
DPM DRY.PARTIC.MATTER	MG/CIG	8.0	2.9	7.3	13.6	13.5	13.4
TAR (=TPM-SN-H2O)	MG/CIG	7.5	2.7	6.6*	12.7	12.6	12.4
SN SMOKE NICOTINE	MG/CIG	0.47	0.26	0.65*	0.86	0.94	0.97
RATIO SN/TAR	%	6.3	9.9	9.9	6.8	7.5	7.8
PUFF COUNT	NO./CIG	7.5	8.2	8.6	8.4	8.9	9.9
CO CARBON MONOXIDE	MG/CIG	9.1	2.9	4.6*		12.9	
NO NITROGEN MONOXIDE	MG/CIG	0.17	0.05	0.07		0.20	

F I L L E R

ALKALOIDS, TOTAL	%	1.55	1.92	2.02	1.67	1.89	2.04
REDUCING SUGARS	%	7.0	6.1	8.3	5.9		7.0
NITRATE NITROGEN	%	0.38	0.28	0.19	0.19	0.20	0.33
AMMONIA NITROGEN	%	0.19	0.19	0.27	0.17	0.28	0.25
TOB. WT. AT 12.5 % OV	MG/CIG	672	650	408	741		816
DENSITY AT 12.5 % OV	MG/ML	223	219	254	243		254
OV AT EQUILIBRIUM	%	12.2	12.2	12.5	13.4	13.9	12.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	898	883	557	959		1043
CIG. LENGTH, TOTAL	MM	94	94	97	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.45/23.3	7.41/23.2	5.41/16.9	7.86/24.6		7.99/25.0
CIG. RTD	MM H2O	124	51	109*	103	109	86
CIG. VENTILATION	%	34	75	70*	18	18	33
FIRMNESS AS IS	MM	2.90	3.18	2.16	2.92		2.62
OVEN VOLATILES AS IS	%	12.0	12.2	12.2	12.7		12.0
FIRMNESS AT 12.5 % OV	MM	3.10	3.33	2.28	2.86		2.82
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	PSP	S	S	PSP	T
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CAP
FILTER LENGTH, TOTAL	MM	25	25	27	21	20
FILTER-LENGTH PLUG 1	MM		10.0		7.0	6.0
FILTER-LENGTH PLUG 2	MM		9.0		8.0	9.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE					AC	AC
FILTER WEIGHT	MG/FIL	177	187	110	157	269
FILTER RTD	MM H2O	89	110	102	64	78
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	28	28	32	25	25
TIPPING PAPER TYPE	WHD	WHD	WHD	IC	ICD	WHD
TIPPING PERFO. TYPE	EPZ	MLPM	MLPM*	EPZ	EPZ	MLPS
TIPPING, PERFO. LINES	NO.	1	1*			4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	LIDO BLU EXTRA MILD	LINDA LEGGERA	LINDA PLURI- FILTER	LUCKY STRIKE LIGHTS	LUCKY STRIKE	LUCKY STRIKE
IT ITALY	PROD. CENTERS OR MANUFACTURER	MONITAL	MONITAL	MONITAL	B.A.T.	B.A.T.	B.A.T.
	CIGARETTE CODE	LLBAC	LMLAC	LNCAC	LSAAC	LSKAC	LSPAC
	SIZE/NO PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	REG N/20
	SAMPLING CODE	B 00 2	B 01 2	B 02 2	B 00 2	B 00 4	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.3	12.7	17.3	6.6	15.2	22.7
DPM DRY.PARTIC.MATTER	MG/CIG	9.2	11.6	15.6	6.2	13.4	20.3
TAR (=TPM-SN-H2O)	MG/CIG	8.7	10.7	14.3	5.7*	12.5	19.2
SN SMOKE NICOTINE	MG/CIG	0.60	0.89	1.25	0.49*	0.91	1.18
RATIO SN/TAR	%	6.9	8.3	8.7	8.6	7.2	6.2
PUFF COUNT	NO./CIG	8.6	8.7	9.9	7.1*	7.8	7.6
CO CARBON MONOXIDE	MG/CIG	11.1	11.2	12.2	6.4	14.1	14.3
NO NITROGEN MONOXIDE	MG/CIG	0.26	0.24	0.27	0.08	0.16	0.17

F I L L E R

ALKALOIDS, TOTAL	%	1.59	1.83	2.09	1.78	1.93	1.88
REDUCING SUGARS	%	7.3	8.8	8.3	8.4	8.0	10.1
NITRATE NITROGEN	%	0.34	0.34	0.29	0.22	0.24	0.19
AMMONIA NITROGEN	%	0.18	0.13	0.16	0.18	0.18	0.08
TOB. WT. AT 12.5 % OV	MG/CIG	769	779	850	750	770	912
DENSITY AT 12.5 % OV	MG/ML	244	247	265	237	245	262
OV AT EQUILIBRIUM	%	11.8	11.7	12.2	12.7	12.5	12.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1000	976	1111	992	982	970
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	70
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.92/24.8	8.00/25.1	8.00/25.1	7.98/25.0	7.96/24.9
CIG. RTD	MM H2O	111	102	97	98*	119	72
CIG. VENTILATION	%	28	32	26	49*	14	
FIRMNESS AS IS	MM	2.13	1.66	2.29	3.02	3.00	2.37
OVEN VOLATILES AS IS	%	11.3	9.5	10.7	11.9	12.7	12.9
FIRMNESS AT 12.5 % OV	MM	2.61	2.87	3.01	3.30	2.94	2.22
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		T	S	PSP	S	S
FM FILTER MATERIAL		CAP	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	20	20	20	21	21
FILTER-LENGTH PLUG 1	MM	6.0		7.0		
FILTER-LENGTH PLUG 2	MM	8.0		8.0		
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE		AC		AC		
FILTER WEIGHT	MG/FIL	186	154	214	181*	162
FILTER RTD	MM H2O	74	73	66	90*	71
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	24	24	25	32*	25
TIPPING PAPER TYPE		WHD	WHD	WHGRD	ICWHDL*	IC
TIPPING PERFO. TYPE		MLPS	MLPS	MLPS	MLPS	EPZZ
TIPPING,PERFO. LINES	NO.	1	4	2	4	

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO K.S.	+MARLBORO K.S.	+MARLBORO KING SIZE	+MARLBORO KING SIZE	+MARLBORO KING SIZE	+MARLBORO LIGHTS 100'S BERGEN OZ
IT-ITALY	PROD. CENTERS OR MANUFACTURER	BERGEN OZ	IXELLES	MTI BOLOGN	MTI MODENA	MUNICH	
	CIGARETTE CODE	MLB13	MLB15	MLK01	MLK01	MLK30	MHX14
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	100 F/20
	SAMPLING CODE	A 00 4	A 00 4	A 00 4	A 00 2	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.3	18.5	18.4	17.7	17.5	11.4
DPM DRY.PARTIC.MATTER	MG/CIG	15.7	15.9	15.6	15.1	14.9	10.4
TAR (=TPM-SN-H2O)	MG/CIG	14.8	14.9	14.7	14.2*	14.0	9.7
SN SMOKE NICOTINE	MG/CIG	0.93	0.96	0.93	0.89*	0.96	0.70
RATIO SN/TAR	%	6.3	6.4	6.3	6.3	6.9	7.2
PUFF COUNT	NO./CIG	8.2	8.1	8.4	8.5*	8.6	9.9
CO CARBON MONOXIDE	MG/CIG	14.2	14.6	13.9	13.9	14.2	10.1
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.21	0.20	0.19	0.20	0.15

F I L L E R

ALKALOIDS, TOTAL	%	1.83	1.82	1.72	1.68	1.84	1.82
REDUCING SUGARS	%	7.8	8.0	7.5	7.7	6.2	7.9
NITRATE NITROGEN	%	0.20	0.20	0.22	0.23	0.20	0.20
AMMONIA NITROGEN	%	0.25	0.25	0.25	0.24	0.26	0.26
TOB. WT. AT 12.5 % OV	MG/CIG	753	746	775	789	768	881
DENSITY AT 12.5 % OV	MG/ML	243	242	246	250	250	247
OV AT EQUILIBRIUM	%	14.1	14.0	13.1	13.6	13.7	14.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	981	973	984	1002	995	1159
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	98
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.90/24.8	7.92/24.8	7.93/24.9	7.88/24.7	7.88/24.7
CIG. RTD	MM H2O	107	108	101	105	109	111
CIG. VENTILATION	%	13	12	19	21	13	40
FIRMNESS AS IS	MM	2.88	2.83	2.85	2.67	2.73	2.86
OVEN VOLATILES AS IS	%	12.9	12.8	11.5	12.0	12.5	12.9
FIRMNESS AT 12.5 % OV	MM	2.73	2.71	3.25	2.87	2.72	2.70
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	21	20	20	21	25
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	162	163	150	151	163	200
FILTER RTD	MM H2O	68	69	63	62	69	95
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	25	25	25	25	32
TIPPING PAPER TYPE		IC	IC	IC	IC	IC	ICWHD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING,PERFO. LINES	NO.						

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO LIGHTS	+MARLBORO LIGHTS	+MARLBORO 100'S	+MERCEDES	+MERCEDES SPECIALLY MILD	+MERIT
IT ITALY	PROD. CENTERS OR MANUFACTURER	BERGEN OZ	MUNICH	BERGEN OZ	MTI FIRENZ	IXELLES	MUNICH
	CIGARETTE CODE	MLX02	MLX05	MLH02	MEK03	MED06	MER15
	SIZE/MB PER PACK	KS F/20	KS F/	100 F/20	KS F/20	100 F/20	KS F/20
	SAMPLING CODE	A 00 3	A 00 3	A 00 4	A 01 1	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.4	9.6	18.5	12.1	10.8	8.1
DPM DRY.PARTIC.MATTER	MG/CIG	9.4	8.7	16.5	11.1	10.0	7.2
TAR (=TPM-SM-H2O)	MG/CIG	8.8	8.1	15.5	10.4*	9.4	6.7
SN SMOKE NICOTINE	MG/CIG	0.61	0.60	1.01	0.75*	0.67	0.51
RATIO SM/TAR	%	7.0	7.4	6.6	7.3	7.1	7.7
PUFF COUNT	NO./CIG	7.5	8.0	9.6	7.8*	8.9	7.8
CO CARBON MONOXIDE	MG/CIG	10.2	9.8	13.6	12.4	10.2	9.9
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.14	0.20	0.11	0.09	0.15

F I L L E R

ALKALOIDS, TOTAL	%	1.79	1.80	1.80	1.70	1.67	1.83
REDUCING SUGARS	%	7.6	8.2	7.5	9.7	10.9	5.2
NITRATE NITROGEN	%	0.21	0.20	0.20	0.15	0.13	0.24
AMMONIA NITROGEN	%	0.24	0.25	0.26	0.09	0.08	0.19
TOB. WT. AT 12.5 % OV	MG/CIG	695	717	881	759	774	695
DENSITY AT 12.5 % OV	MG/ML	239	247	247	241	230	241
OV AT EQUILIBRIUM	%	14.1	13.0	14.1	12.4	12.7	13.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	963	977	1153	1028	1028	969
CIG. LENGTH, TOTAL	MM	84	84	98	84	98	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.90/24.8	7.88/24.7	7.92/24.8	7.66/24.0	7.90/24.8
CIG. RTD	MM H2O	107	110	111	125	127	120
CIG. VENTILATION	%	35	34	19	21	34	35
FIRMNESS AS IS	MM	2.94	2.74	2.81	2.58	2.69	2.69
OVEN VOLATILES AS IS	%	12.9	12.6	12.8	10.9	12.1	12.3
FIRMNESS AT 12.5 % OV	MM	2.80	2.69	2.69	3.23	2.85	2.77
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	D	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	20	25	25
FILTER-LENGTH PLUG 1	MM			13.0		
FILTER-LENGTH PLUG 2	MM			12.0		
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE				PG		
FILTER WEIGHT	MG/FIL	203	203	217	196	215
FILTER RTD	MM H2O	97	96	69	77	103
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	29	29	32
TIPPING PAPER TYPE	ICWHDL	ICWHDL	ICD	WHD	WHD	ICWHDL
TIPPING PERFO. TYPE	EP2	EP2	EP2	MLPS	MLPS	EP2
TIPPING, PERFO. LINES	NO.			3	3	

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MERIT	+MERIT ULTRA LGTS 100'S	+MERIT ULTRA LIGHTS	+MERIT 100'S	MILDE SORTE	MS INTERNAT.
IT ITALY	PROD. CENTERS OR MANUFACTURER	BERGEN OZ	BERGEN OZ	BERGEN OZ	BERGEN OZ	AUSTRIA T.	MONITAL
	CIGARETTE CODE	MER19	MEG01	MEU03	MEH04	MSDDC	MSIAC
	SIZE/NB PER PACK	KS F/20	100 F/20	KS F/20	100 F/20	KS F/20	100 F/20
	SAMPLING CODE	A 00 4	A 00 2	A 00 4	A 00 4	B 00 4	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	8.3	4.7	4.4	8.7	11.2	10.8
DPM DRY.PARTIC.MATTER	MG/CIG	7.6	4.4	4.1	8.1	10.2	10.1
TAR (=TPM-SN-H2O)	MG/CIG	7.1	4.1	3.8	7.5	9.7	9.2
SN SMOKE NICOTINE	MG/CIG	0.50	0.32	0.27	0.55	0.50	0.88
RATIO SN/TAR	%	7.1	7.8	7.2	7.2	5.1	9.5
PUFF COUNT	NO./CIG	7.3	10.1	7.5	8.7	7.9	9.9
CO CARBON MONOXIDE	MG/CIG	9.0	3.4	3.5	10.0	10.0	8.1
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.07	0.08	0.16	0.08	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.88	1.84	1.41	1.88	1.04	1.86
REDUCING SUGARS	%	7.0	6.8	6.3	7.1	13.0	9.0
NITRATE NITROGEN	%	0.24	0.24	0.24	0.24	0.12	0.28
AMMONIA NITROGEN	%	0.18	0.27	0.27	0.18	0.06	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	686	862	692	856	772	905
DENSITY AT 12.5 % OV	MG/ML	236	240	238	240	244	266
OV AT EQUILIBRIUM	%	13.9	14.4	14.2	13.8	12.4	11.8

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	959	1146	968	1147	982	1136
CIG. LENGTH, TOTAL	MM	84	99	84	98	84	94
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.89/24.7	7.93/24.9	7.88/24.7	7.94/24.9	7.93/24.9
CIG. RTD	MM H2O	120	79	92	130	101	101
CIG. VENTILATION	%	37	73	66	39	24	40
FIRMNESS AS IS	MM	2.85	2.86	2.76	2.82	3.57	1.70
OVEN VOLATILES AS IS	%	12.7	13.1	12.8	12.9	13.0	10.2
FIRMNESS AT 12.5 % OV	MM	2.76	2.62	2.64	2.68	3.39	2.64
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	25	25	25	25	20	25
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	211	199	209	212	157	183
FILTER RTD	MM H2O	112	93	110	118	70、	72
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	36	32	36	26	29
TIPPING PAPER TYPE		ICWHDL	ICWHDL	ICWHDL	ICWHDL	ICD	ICD
TIPPING PERFO. TYPE		EPZ	MLPS	MLPS	EPZ	EPZ	MLPS
TIPPING,PERFO. LINES	NO.		4	4			4

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	MS KING SIZE	MS LIGHTS	MS MUNDIAL	MS EXTRA LIGHTS	MS BLU	MS MILD
IT ITALY	PROD. CENTERS OR MANUFACTURER	MONITAL	MONITAL	MONITAL	MONITAL	MONITAL	MONITAL
	CIGARETTE CODE	MSSAC	MSQAC	MSNAC	MSVAC	MRXBC	MSPAC
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 3	B 00 4	B 01 2	B 00 4	B 01 1	B 00 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	12.0	4.5	6.9	1.6	12.8	10.0
DPM DRY. PARTIC. MATTER	MG/CIG	11.1	4.2	6.5	1.5	11.6	9.3
TAR (=TPM-SN-H2O)	MG/CIG	10.2	3.9	5.9	1.3	10.7	8.6*
SN SMOKE NICOTINE	MG/CIG	0.89	0.35	0.57	0.15	0.90	0.77*
RATIO SN/TAR	%	8.9	9.1	9.9	11.7	8.4	9.0
PUFF COUNT	NO./CIG	9.3	8.9	8.3	8.8	10.5	8.6
CO CARBON MONOXIDE	MG/CIG	10.0	5.5	5.0	2.2	12.1	7.7
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.09	0.09	0.04	0.19	0.18

F I L L E R

ALKALOIDS, TOTAL	%	1.96	1.94	1.79	1.96	2.00	1.91
REDUCING SUGARS	%	9.5	9.8	9.2	10.2	9.5	8.2
NITRATE NITROGEN	%	0.29	0.25	0.26	0.22	0.20	0.36
AMMONIA NITROGEN	%	0.17	0.14	0.13	0.12	0.14	0.20
TOB. WT. AT 12.5 % OV	MG/CIG	809	699	741	687	807	751
DENSITY AT 12.5 % OV	MG/ML	253	241	234	236	252	233
OV AT EQUILIBRIUM	%	11.9	12.2	11.8	12.0	11.9	12.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1015	971	941	959	1032	955
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.97/25.0	7.91/24.8	7.93/24.9	7.94/24.9	7.99/25.0	8.02/25.1
CIG. RTD	MM H2O	99	100	85	84	98	87*
CIG. VENTILATION	%	37	53	53	73	33	45*
FIRMNESS AS IS	MM	2.18	2.28	2.24	2.51	1.50	2.95
OVEN VOLATILES AS IS	%	11.3	11.5	11.4	11.8	8.6	11.5
FIRMNESS AT 12.5 % OV	MM	2.66	2.71	2.70	2.81	3.07	3.38
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	D	S	D	D	S
FM FILTER MATERIAL		CA	CAP	CA	CAP	CAP	CA
FILTER LENGTH, TOTAL	MM	20	25	20	25	20	20
FILTER-LENGTH PLUG 1	MM		15.0		15.0	10.0	
FILTER-LENGTH PLUG 2	MM		10.0		10.0	10.0	
FILTER-LENGTH PLUG 3	MM						
PA FIL. ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	162	225	156	227	178	157
FILTER RTD	MM H2O	75	114	76	116	68	73
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	24	30	25	30	24	24
TIPPING PAPER TYPE		ICD	WHDL	WHDL	WHDL	ICD	ICD
TIPPING PERFO. TYPE	MLPS		MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4	4	4	8	1	4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	MS 100'S DE LUXE	+MULTI- FILTER ULTRA LTS MUNICH	+MULTI- FILTER 100'S BERGEN OZ	+MULTI- FILTER 100'S MUNICH	+MULTI- FILTER 100'S E.L. BERGEN OZ	+MULTI- FILTER 100'S E.L. MUNICH
IT-ITALY	PROD. CENTERS OR MANUFACTURER	MONITAL					
	CIGARETTE CODE	MSWAC	MPD04	MPH02	MPH11	MPS02	MPS03
	SIZE/NB PER PACK	100 F/20	100 F/20	100 F/20	100 F/20	100 F/20	100 F/20
	SAMPLING CODE	B 00 2	A 00 2	A 00 4	A 00 4	A 01 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	6.3	4.8	10.2	10.6	7.8	7.5
DPM DRY.PARTIC.MATTER	MG/CIG	6.0	4.4	9.5	9.7	7.3	6.9
TAR (=TPM-SN-H2O)	MG/CIG	5.5	4.1*	8.8	9.0	6.8	6.3
SN SMOKE NICOTINE	MG/CIG	0.54	0.36*	0.66	0.72	0.53	0.58
RATIO SN/TAR	%	9.9	8.8	7.4	8.1	7.8	9.2
PUFF COUNT	NO./CIG	10.4	7.2*	9.2	10.1	9.1	10.2
CO CARBON MONOXIDE	MG/CIG	5.0	3.0	10.7	11.3	6.1	6.9
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.04	0.11	0.10	0.07	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.84	1.94	1.64	1.64	1.07	1.64
REDUCING SUGARS	%	10.8	5.1	11.0	9.0	10.9	9.1
NITRATE NITROGEN	%	0.20	0.20	0.13	0.14	0.13	0.13
AMMONIA NITROGEN	%	0.09	0.15	0.09	0.09	0.09	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	855	354	816	827	813	831
DENSITY AT 12.5 % OV	MG/ML	244	221	229	232	227	231
OV AT EQUILIBRIUM	%	11.8	13.8	12.6	12.3	12.7	12.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1094	521	1145	1148	1143	1152
CIG. LENGTH, TOTAL	MM	98	97	98	98	98	99
CIG. DIAMETER/CIRCUMFER.	MM	7.82/24.5	5.38/16.8	7.88/24.7	7.88/24.7	7.88/24.7	7.89/24.7
CIG. RTD	MM H2O	100	121	123	124	111	111
CIG. VENTILATION	%	60	70	40	38	47	45
FIRMNESS AS IS	MM	2.25	2.87	2.85	2.64	2.71	2.69
OVEN VOLATILES AS IS	%	11.4	13.1	12.1	11.9	12.0	11.8
FIRMNESS AT 12.5 % OV	MM	2.71	2.63	3.02	2.90	2.91	2.99
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	D	D	D	D	D
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM 25	27	25	25	25	25
FILTER-LENGTH PLUG 1	MM	16.0	12.0	12.0	12.0	12.0
FILTER-LENGTH PLUG 2	MM	11.0	13.0	13.0	13.0	13.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE			AC	AC	AC	AC
FILTER WEIGHT	MG/FIL	186	118	271	267	271
FILTER RTD	MM H2O	93	129	99	99	99
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	29	29	29
TIPPING PAPER TYPE	WHDL	WHDL	WHGRD	WHGRD	WHGRD	WHGRD
TIPPING PERFO. TYPE	MLPS	MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO. 4	6	4	4	4	4

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IT

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MULTIFILT. LIGHTS 100'S MUNICH	+MURATTI AMBASSADOR EXTRA M. BERGEN OZ	+MURATTI AMBASSADOR EXTRA M. IXELLES	+MURATTI AMBASSADOR IXELLES	+MURATTI AMBASSADOR KING SIZE MTI ROVERE	+MURATTI AMBASSADOR ULTRA M. BERGEN OZ
IT ITALY	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	MPT02	MAC12	MAC14	MAJ03	MAK01	MAL01
	SIZE/MS PER PACK	100 F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 3	A 00 2	B 00 4	A 00 4	A 00 4	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	8.1	7.2	7.5	10.4	9.9	3.9
DPM DRY.PARTIC.MATTER	MG/CIG	7.5	6.7	6.9	9.5	9.2	3.6
TAR (=TPM-SN-H2O)	MG/CIG	6.9	6.2	6.4	8.9	8.5	3.4
SN SMOKE NICOTINE	MG/CIG	0.62	0.49	0.51	0.66	0.67	0.25
RATIO SN/TAR	%	9.1	7.9	8.0	7.5	8.0	7.5
PUFF COUNT	NO./CIG	7.9	7.4	7.5	7.9	8.6	7.5
CO CARBON MONOXIDE	MG/CIG	4.9	6.2	6.8	9.6	8.5	4.9
NO NITROGEN MONOXIDE	MG/CIG	0.06	0.07	0.07	0.10	0.10	0.05

F I L L E R

ALKALOIDS, TOTAL	%	1.94	1.64	1.65	1.65	1.65	1.65
REDUCING SUGARS	%	10.6	11.8	10.7	10.9	10.3	10.6
NITRATE NITROGEN	%	0.14	0.13	0.13	0.13	0.16	0.14
AMMONIA NITROGEN	%	0.11	0.10	0.09	0.08	0.10	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	439	651	645	702	756	651
DENSITY AT 12.5 % OV	MG/ML	272	224	224	228	241	224
OV AT EQUILIBRIUM	%	12.8	12.5	12.5	12.7	12.3	12.8

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	603	976	970	998	1039	985
CIG. LENGTH, TOTAL	MM	97	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	5.42/17.0	7.92/24.8	7.89/24.7	7.89/24.7	7.91/24.8	7.92/24.8
CIG. RTD	MM H2O	137	91	91	104	108	82
CIG. VENTILATION	%	58	46	48	36	38	60
FIRMNESS AS IS	MM	2.52	2.61	2.38	2.28	2.46	2.54
OVEN VOLATILES AS IS	%	12.4	11.7	11.8	11.6	11.7	11.7
FIRMNESS AT 12.5 % OV	MM	2.54	2.93	2.68	2.64	2.79	2.86
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	D	D	D	D	D	T
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CAP
FILTER LENGTH, TOTAL	MM	27	25	25	21	20
FILTER-LENGTH PLUG 1	MM	16.0	12.0	13.0	8.0	7.0
FILTER-LENGTH PLUG 2	MM	11.0	13.0	12.0	13.0	10.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE		AC	AC	AC	AC	AC
FILTER WEIGHT	MG/FIL	123	276	276	244	232
FILTER RTD	MM H2O	125	85	84	78	75
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	29	29	25	25
TIPPING PAPER TYPE	WHGRDL	WHGRDL	WHGRDL	WHGRD	WHGRD	WHGRWHD
TIPPING PERFO. TYPE	MLPS	MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4	4	3	2	4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MURATTI AMBASSADOR ULTRA M. IXELLES	N 80 FILTRO MONITAL	MAZIONALI MONITAL	NOW REYNOLDS	+PHILIP MORRIS 100 SUPER L. BERGEN OZ	+PHILIP MORRIS 100 ULTRA L. MUNICH
IT ITALY	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	MAL02	NMFAC	NAGAC	NOQAC	PHS01	PHU02
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	100 F/20	100 F/
	SAMPLING CODE	A 02 2	B 02 2	B 02 1	B 00 3	A 01 2	A 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	3.6	14.7	13.0	1.6	4.5	3.2
DPM DRY.PARTIC.MATTER	MG/CIG	3.3	13.0	11.8	1.4	4.2	3.0
TAR (=TPM-SN-H2O)	MG/CIG	3.1	12.1	11.1	1.3	3.9	2.7
SN SMOKE NICOTINE	MG/CIG	0.25	0.93	0.75	0.11	0.32	0.27
RATIO SN/TAR	%	8.0	7.8	6.7	8.1	8.3	9.9
PUFF COUNT	NO./CIG	7.6	9.5	9.0	6.1	8.9	8.5
CO CARBON MONOXIDE	MG/CIG	4.6	13.7		1.6	4.4	3.6
NO NITROGEN MONOXIDE	MG/CIG	0.05	0.31		0.04	0.07	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.64	1.83	1.65	1.65	2.07	1.26
REDUCING SUGARS	%	10.9	2.5	3.4	7.2	7.7	5.7
NITRATE NITROGEN	%	0.13	0.31	0.30	0.30	0.18	0.09
AMMONIA NITROGEN	%	0.08	0.33	0.31	0.13	0.14	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	648	857	858	550	807	738
DENSITY AT 12.5 % OV	MG/ML	225	270	270	189	227	211
OV AT EQUILIBRIUM	%	12.6	11.6	11.5	12.3	14.4	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	974	1084	1079	811	1104	1037
CIG. LENGTH, TOTAL	MM	84	84	84	84	98	98
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.95/24.9	7.95/24.9	7.93/24.9	7.87/24.7	7.83/24.5
CIG. RTD	MM H2O	72	108	82	93	100	79
CIG. VENTILATION	%	66	15	22	76	67	67
FIRMNESS AS IS	MM	2.30	1.88	2.15	3.28	2.95	3.40
OVEN VOLATILES AS IS	%	11.6	11.7	12.7	12.8	13.1	12.3
FIRMNESS AT 12.5 % OV	MM	2.68	2.19	2.07	3.17	2.71	3.48
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		T	D	S	S	S	D
FM FILTER MATERIAL		CAP	CAP	P	CA	CA	CAP
FILTER LENGTH, TOTAL	MM	25	20	20	25	25	25
FILTER-LENGTH PLUG 1	MM	7.0	11.0				17.0
FILTER-LENGTH PLUG 2	MM	10.0	9.0				8.0
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE		AC					
FILTER WEIGHT	MG/FIL	275	183	180	208	213	229
FILTER RTD	MM H2O	97	67	49	116	114	110
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	24	24	30	36	36
TIPPING PAPER TYPE		WHGRWHD	IC	ICD	ICD	ICWHD	ICWHD
TIPPING PERFO. TYPE		MLPS	MLPS	EPZ	MLPM	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	6	1		1	6	6

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+PHILIP MORRIS LGTS EXTRA MUNICH	+PHILIP MORRIS BERGEN OZ	+PHILIP MORRIS LIGHTS MUNICH	+PHILIP MORRIS SUP.LIGHTS MUNICH	+PHILIP MORRIS SUPER L. BERGEN OZ	+PHILIP MORRIS ULTRA LGTS MUNICH
IT ITALY	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	PMA03	PMB05	PME01	PMQ01	PMS07	PMU07
	SIZE/MB PER PACK	KS F/20	KS F/20	100 F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 01 3	A 01 3	A 00 2	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	1.4	17.7	8.9	5.2	4.4	2.7
DPM DRY.PARTIC.MATTER	MG/CIG	1.2	15.3	7.9	4.9	4.1	2.5
TAR (=TPM-SN-H2O)	MG/CIG	1.1	14.4	7.3	4.4*	3.8	2.3
SN SMOKE NICOTINE	MG/CIG	0.10	0.91	0.64	0.45*	0.31	0.23
RATIO SN/TAR	%	8.7	6.4	8.7	10.3	8.2	9.8
PUFF COUNT	NO./CIG	6.3	8.0	7.9	8.3*	7.6	7.4
CO CARBON MONOXIDE	MG/CIG	3.1	14.2	5.5	3.2	4.4	2.8
NO NITROGEN MONOXIDE	MG/CIG	0.06	0.20	0.07	0.03	0.06	0.05

F I L L E R

ALKALOIDS, TOTAL	%	2.25	1.82	1.82	1.96	2.06	2.54
REDUCING SUGARS	%	5.4	7.8	10.1	5.1	8.4	8.4
NITRATE NITROGEN	%	0.23	0.20	0.15	0.16	0.18	0.15
AMMONIA NITROGEN	%	0.15	0.25	0.10	0.12	0.13	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	526	754	439	438	651	598
DENSITY AT 12.5 % OV	MG/ML	188	244	273	275	224	208
OV AT EQUILIBRIUM	%	12.6	14.1	12.7	13.0	13.9	12.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	898	982	591	592	928	883
CIG. LENGTH, TOTAL	MM	84	84	97	97	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.93/24.9	5.42/17.0	5.39/16.9	7.92/24.8	7.89/24.7
CIG. RTD	MM H2O	100	106	130	104	103	79
CIG. VENTILATION	%	64	14	56	72	63	66
FIRMNESS AS IS	MM	2.52	2.94	2.39	2.22	2.71	2.91
OVEN VOLATILES AS IS	%	11.9	13.0	12.3	12.3	12.7	11.8
FIRMNESS AT 12.5 % OV	MM	2.76	2.76	2.47	2.30	2.64	3.21
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	S	S	S	D
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CAP
FILTER LENGTH,TOTAL	MM	27	21	27	27	25	25
FILTER-LENGTH PLUG 1	MM	7.0					16.0
FILTER-LENGTH PLUG 2	MM	20.0					9.0
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	326	163	111	113	215	234
FILTER RTD	MM H2O	149	67	107	115	121	113
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	25	32	32	32	32
TIPPING PAPER TYPE		ICWHDL	IC	WHDL	WHL	ICWHDL	ICWHDL
TIPPING PERFO. TYPE		MLPS	EPZ	MLPS	MLPS	MLPS	MLPS
TIPPING,PERFO. LINES	NO.	2		6	5	4	5

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IT

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+RAFFLES 100'S	ROTHMANS KING SIZE	ROTHMANS LEGGERA	ROTHMANS SPECIAL	ROTHMANS SUPER- LEGGERA	ROTHMANS ULTRA- LEGGERA
IT ITALY	PROD. CENTERS OR MANUFACTURER	CARROLL	TURMAC INT	TURMAC INT	TURMAC INT	TURMAC INT	TURMAC INT
	CIGARETTE CODE	RAH05	RTKPC	RTZAC	RTQCC	RTEAC	RTWAC
	SIZE/NB PER PACK	100 F/10	KS F/20	100 F/20	KS F/20	100 F/20	100 F/20
	SAMPLING CODE	A 00 2	B 00 4	B 01 1	B 00 4	B 00 4	B 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	14.3	17.5	8.2	11.1	5.9	3.1
DPM DRY.PARTIC.MATTER	MG/CIG	13.0	15.3	7.5	10.1	5.6	2.9
TAR (-TPM-SN-H2O)	MG/CIG	12.0*	14.3	6.9*	9.4	5.1	2.6
SN SMOKE NICOTINE	MG/CIG	1.09*	1.01	0.60*	0.80	0.52	0.33
RATIO SN/TAR	%	9.2	7.1	8.6	8.5	10.2	12.8
PUFF COUNT	NO./CIG	9.2*	7.4	7.5*	8.2	8.2	8.5
CO CARBON MONOXIDE	MG/CIG	13.5	12.5	4.9*	9.0	3.2	1.4
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.11	0.06	0.07	0.04	0.02

F I L L E R

ALKALOIDS, TOTAL	%	2.28	1.75	1.88*	1.71	2.06	2.10
REDUCING SUGARS	%	12.6	10.9	9.3	12.0	9.7	9.6
NITRATE NITROGEN	%	0.08	0.14	0.18	0.12	0.16	0.16
AMMONIA NITROGEN	%	0.04	0.10	0.18	0.08	0.14	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	869	745	414	730	417	416
DENSITY AT 12.5 % OV	MG/ML	237	243	249	237	252	251
OV AT EQUILIBRIUM	%	12.4	12.1	11.6	12.3	12.0	11.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1124	960	560	945	566	564
CIG. LENGTH, TOTAL	MM	100	84	99	84	99	99
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.94/24.9	5.42/17.0	7.95/24.9	5.41/16.9	5.42/17.0
CIG. RTD	MM H2O	131	105	165*	101	135	104
CIG. VENTILATION	%	13	55	55	33	73	86
FIRMNESS AS IS	MM	2.33	2.76	2.26	3.02	2.10	2.03
OVEN VOLATILES AS IS	%	11.4	11.8	12.0	12.3	12.1	11.7
FIRMNESS AT 12.5 % OV	MM	2.80	3.04	2.46	3.13	2.27	2.37
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	26	22	27	22	27	27
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	198	169	110	166	112	113
FILTER RTD	MM H2O	87	53	121*	74	121	118
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	30	26	32	26	32	32
TIPPING PAPER TYPE		ICD	IC	WHL	IC	WHL	WHL
TIPPING PERFO. TYPE		EPZ		MLPS	MLPM	MLPS	MLPS
TIPPING, PERFO. LINES	NO.			4	1	4	8

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	R1 SLIM LINE	R6	R6 ULTRA
IT ITALY	PROD. CENTERS OR MANUFACTURER	REEMTSMA	REEMTSMA	REEMTSMA
	CIGARETTE CODE	RMDBC	RMDBC	RMVBC
	SIZE/NB PER PACK	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 4	B 01 2	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	6.7	5.3	1.4
DPM DRY.PARTIC.MATTER	MG/CIG	6.4	4.9	1.3
TAR (=TPM-SN-H2O)	MG/CIG	5.7	4.6	1.2
SN SMOKE NICOTINE	MG/CIG	0.63	0.37	0.17
RATIO SN/TAR	%	11.0	8.2	14.3
PUFF COUNT	NO./CIG	8.2	7.5	7.9
CO CARBON MONOXIDE	MG/CIG	4.3	5.3	2.1
NO NITROGEN MONOXIDE	MG/CIG	0.05	0.08	0.03

F I L L E R

ALKALOIDS, TOTAL	%	2.49	1.66	2.52
REDUCING SUGARS	%	9.4	9.6	9.4
NITRATE NITROGEN	%	0.17	0.18	0.16
AMMONIA NITROGEN	%	0.11	0.11	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	483	679	614
DENSITY AT 12.5 % OV	MG/ML	232	230	209
OV AT EQUILIBRIUM	%	12.3	12.6	12.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	670	918	885
CIG. LENGTH, TOTAL	MM	97	84	84
CIG. DIAMETER/CIRCUMFER.	MM	6.16/19.3	7.98/25.0	7.97/25.0
CIG. RTD	MM H2O	115	103	58
CIG. VENTILATION	%	60	51	76
FIRMNESS AS IS	MM	2.33	2.44	2.19
OVEN VOLATILES AS IS	%	12.4	11.4	11.0
FIRMNESS AT 12.5 % OV	MM	2.39	2.89	2.79
CIG. PAP. VENTIL. SYST.				

F I L T E R

FILTER TYPE		S	S	D
FM FILTER MATERIAL		CA	CA	CAP
FILTER LENGTH, TOTAL	MM	27	25	25
FILTER-LENGTH PLUG 1	MM			16.0
FILTER-LENGTH PLUG 2	MM			9.0
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	142	191	229
FILTER RTD	MM H2O	95	101	134
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	31	29	29
TIPPING PAPER TYPE		WHDL	ICWHD	ICWHDL
TIPPING PERFO. TYPE	MLPS		MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4	4	4

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IT

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO
IC-IVORY CST	PROD. CENTERS OR MANUFACTURER	SITAB
	CIGARETTE CODE	MLF31
	SIZE/NB PER PACK	LS F/20
	SAMPLING CODE	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.7
DPM DRY.PARTIC.MATTER	MG/CIG	15.5
TAR (=TPM-SN-H2O)	MG/CIG	14.6

SN SMOKE NICOTINE	MG/CIG	0.97
RATIO SN/TAR	%	6.7
PUFF COUNT	NO./CIG	7.6

CO CARBON MONOXIDE	MG/CIG	14.1
NO NITROGEN MONOXIDE	MG/CIG	0.22

F I L L E R

ALKALOIDS, TOTAL	%	1.82
REDUCING SUGARS	%	7.5
NITRATE NITROGEN	%	0.23

AMMONIA NITROGEN	%	0.22
TOB. WT. AT 12.5 % OV	MG/CIG	742
DENSITY AT 12.5 % OV	MG/ML	249

OV AT EQUILIBRIUM	%	13.0
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C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	957
CIG. LENGTH, TOTAL	MM	80
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9

CIG. RTD	MM H2O	114
CIG. VENTILATION	%	7
FIRMNESS AS IS	MM	2.69

OVEN VOLATILES AS IS	%	12.3
FIRMNESS AT 12.5 % OV	MM	2.77
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 20

FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM

FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 162
FILTER RTD	MM H2O 70

FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 24
TIPPING PAPER TYPE	IC

TIPPING PERFO. TYPE	EPZ
TIPPING,PERFO. LINES	NO.

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IC

+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CONGRESS	+CONGRESS LIGHTS
KW KUWAIT	PROD. CENTERS OR MANUFACTURER	SERRIERES	SERRIERES
	CIGARETTE CODE	CON02	COL01
	SIZE/MB PER PACK	LS F/20	LS F/20
	SAMPLING CODE	A 01 3	A 01 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	10.3	5.1
DPM DRY. PARTIC. MATTER	MG/CIG	9.2	4.8
TAR (=TPM-SN-H20)	MG/CIG	8.6	4.4
SN SMOKE NICOTINE	MG/CIG	0.62	0.36
RATIO SN/TAR	%	7.2	8.2
PUFF COUNT	NO./CIG	8.2	8.5
CO CARBON MONOXIDE	MG/CIG	9.2	4.9
NO NITROGEN MONOXIDE	MG/CIG	0.11	0.06

F I L L E R

ALKALOIDS, TOTAL	%	1.70	1.72
REDUCING SUGARS	%	9.9	9.5
NITRATE NITROGEN	%	0.17	0.17
AMMONIA NITROGEN	%	0.15	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	745	742
DENSITY AT 12.5 % OV	MG/ML	251	251
OV AT EQUILIBRIUM	%	12.8	12.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	950	956
CIG. LENGTH, TOTAL	MM	79	79
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.93/24.9
CIG. RTD	MM H2O	112	103
CIG. VENTILATION	%	35	61
FIRMNESS AS IS	MM	2.80	2.86
OVEN VOLATILES AS IS	%	12.4	12.6
FIRMNESS AT 12.5 % OV	MM	2.86	2.85
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE		S	S
FM FILTER MATERIAL		CA	CA
FILTER LENGTH,TOTAL	MM	19	19
FILTER-LENGTH PLUG 1	MM		
FILTER-LENGTH PLUG 2	MM		
FILTER-LENGTH PLUG 3	MM		
FA FIL.ADDITIVE TYPE			
FILTER WEIGHT	MG/FIL	155	163
FILTER RTD	MM H2O	86	100
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	23	24
TIPPING PAPER TYPE		IC	ICD
TIPPING PERFO. TYPE		EPZ	MLPS
TIPPING,PERFO. LINES	NO.		4

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KW

+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CEDARS	+CHESTER-FIELD 100'S	+CHESTER-FIELD	LUCKY STRIKE	+MARLBORO	+MARLBORO LIGHTS
RL-LEBANON	PROD. CENTERS OR MANUFACTURER	MISCELLAN.	RICHMOND	RICHMOND	B.A.T.	RICHMOND	RICHMOND
	CIGARETTE CODE	CEDBC	CEH01	CEK11	LSKBC	MLF49	MLX17
	SIZE/NB PER PACK	100 F/20	100 F/20	KS F/20	KS F/20	LS F/20	KS F/20
	SAMPLING CODE	A 00 2	B 00 2	B 00 2	B 00 2	B 00 2	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	23.0	14.3	17.3	19.9	20.3	12.2
DPM DRY.PARTIC.MATTER	MG/CIG	20.6	12.8	14.6	16.9	17.2	10.8
TAR (=TPM-SN-H2O)	MG/CIG	19.2	12.0	13.7	16.0	16.2	10.1
SN SMOKE NICOTINE	MG/CIG	1.36	0.88	0.92	0.96	1.04	0.70
RATIO SN/TAR	%	7.1	7.4	6.7	6.0	6.4	6.9
PUFF COUNT	NO./CIG	11.1	8.9	7.5	7.9	7.9	7.4
CO CARBON MONOXIDE	MG/CIG	19.0	11.6	13.3	13.9	13.3	10.7
NO NITROGEN MONOXIDE	MG/CIG	0.26	0.19	0.20	0.26	0.23	0.19

F I L L E R

ALKALOIDS, TOTAL	%	2.06	1.80	1.83	1.66	1.79	1.80
REDUCING SUGARS	%	9.2	8.7	9.7	6.5	7.1	7.0
NITRATE NITROGEN	%	0.17	0.22	0.24	0.23	0.21	0.24
AMMONIA NITROGEN	%	0.21	0.09	0.11	0.26	0.26	0.23
TOB. WT. AT 12.5 % OV	MG/CIG	936	814	704	750	722	672
DENSITY AT 12.5 % OV	MG/ML	251	231	227	242	241	239
OV AT EQUILIBRIUM	%	12.3	12.4	12.9	12.8	13.2	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1233	1094	926	965	927	940
CIG. LENGTH, TOTAL	MM	100	100	84	84	79	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.93/24.9	7.93/24.9	7.91/24.8	7.97/25.0	7.93/24.9
CIG. RTD	MM H2O	109	116	113	129	106	122
CIG. VENTILATION	%		25	12	9	11	21
FIRMNESS AS IS	MM	2.65	2.75	2.92	2.32	2.60	2.40
OVEN VOLATILES AS IS	%	10.2	12.2	12.2	11.4	12.5	12.5
FIRMNESS AT 12.5 % OV	MM	3.59	2.89	3.07	2.75	2.62	2.42
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	S	S	S	S
FM FILTER MATERIAL		CAP	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	28	21	21	19	27
FILTER LENGTH PLUG 1	MM	11.0					
FILTER-LENGTH PLUG 2	MM	14.0					
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	238	222	165	160	148	217
FILTER RTD	MM H2O	53	82	69	69	62	93
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	30	32	26	26	23	32
TIPPING PAPER TYPE	IC		ICD	IC	IC	IC	WHDL
TIPPING PERFO. TYPE			MLPS	MLPS	MSLP	MLPS	MLPS
TIPPING,PERFO. LINES	NO.		2	1	3	1	2

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RL

+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	VICEROY	VICEROY KING SIZE	WINSTON	WINSTON LIGHTS 100'S
RL LEBANON	PROD. CENTERS OR MANUFACTURER	BRWN+WILAM	BRWN+WILAM	REYNOLDS	REYNOLDS
	CIGARETTE CODE	VCXBC	VCYDC	WIKMC	WIJAC
	SIZE/NE PER PACK	LS F/20	KS F/20	KS F/20	100 F/20
	SAMPLING CODE	B 00 2	B 00 1	B 00 2	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	20.2	20.8	19.4	9.7
DPM DRY.PARTIC.MATTER	MG/CIG	16.4	17.5	16.7	8.9
TAR (=TPM-SN-H2O)	MG/CIG	15.5	16.4*	15.7	8.3
SN SMOKE NICOTINE	MG/CIG	0.91	1.06	0.94	0.58
RATIO SN/TAR	%	5.9	6.5	6.0	6.9
PUFF COUNT	NO./CIG	6.5	8.1	7.3	8.0
CO CARBON MONOXIDE	MG/CIG	15.1	14.4	13.8	10.0
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.26	0.28	0.21

F I L L E R

ALKALOIDS, TOTAL	%	1.60	1.77	1.64	1.49
REDUCING SUGARS	%	6.6	5.9	8.1	6.2
NITRATE NITROGEN	%	0.21	0.22	0.27	0.27
AMMONIA NITROGEN	%	0.18	0.22	0.10	0.17
TOB. WT. AT 12.5 % OV	MG/CIG	696	762	718	778
DENSITY AT 12.5 % OV	MG/ML	236	246	232	231
OV AT EQUILIBRIUM	%	12.0	12.3	11.8	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	895	972	924	1063
CIG. LENGTH, TOTAL	MM	80	84	84	99
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.91/24.8	7.90/24.8	7.94/24.9
CIG. RTD	MM H2O	93	131	119	106
CIG. VENTILATION	%		10		33
FIRMNESS AS IS	MM	2.85	2.48	2.49	2.77
OVEN VOLATILES AS IS	%	11.6	11.6	12.1	12.3
FIRMNESS AT 12.5 % OV	MM	3.24	2.84	2.65	2.85
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	21	21
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	153	158	167
FILTER RTD	MM H2O	51	72	64
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	25	26	25
TIPPING PAPER TYPE	IC	IC	IC	ICWHD
TIPPING PERFO. TYPE		MSLP*		MLPS
TIPPING, PERFO. LINES	NO.	3*		2

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RL

+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO	+MURATTI	+PHILIP
MA-MALTA	PROD. CENTERS OR MANUFACTURER	ATW MALTA	AMBASSADOR KING SIZE SERRIERES	MORRIS SUPER L. SERRIERES
	CIGARETTE CODE	MLB24	MAK05	PMS03
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 00 2	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.4	9.5	3.8
DPM DRY.PARTIC.MATTER	MG/CIG	15.6	8.9	3.5
TAR (=TPM-SN-H2O)	MG/CIG	14.7	8.2*	3.2
SN SMOKE NICOTINE	MG/CIG	0.97	0.70*	0.31
RATIO SN/TAR	%	6.6	8.6	9.7
PUFF COUNT	NO./CIG	8.1	8.4	8.1
CO CARBON MONOXIDE	MG/CIG	13.7	7.9	4.2
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.08	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.76	1.74	1.95
REDUCING SUGARS	%	7.1	11.0	9.1
NITRATE NITROGEN	%	0.22	0.14	0.20
AMMONIA NITROGEN	%	0.24	0.10	0.16
TOB. WT. AT 12.5 % OV	MG/CIG	759	717	638
DENSITY AT 12.5 % OV	MG/ML	240	231	232
OV AT EQUILIBRIUM	%	12.9	12.3	13.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	970	1009	920
CIG. LENGTH, TOTAL	MM	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.93/24.9	7.92/24.8
CIG. RTD	MM H2O	101	102*	99
CIG. VENTILATION	%	15	44*	64
FIRMNESS AS IS	MM	2.83	2.66	2.88
OVEN VOLATILES AS IS	%	12.4	11.7	12.6
FIRMNESS AT 12.5 % OV	MM	2.89	2.99	2.88
CIG. PAP. VENTIL. SYST.				

F I L T E R

FILTER TYPE		S	D	S
FM FILTER MATERIAL		CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	21	28
FILTER-LENGTH PLUG 1	MM		9.0	
FILTER-LENGTH PLUG 2	MM		12.0	
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE			AC	
FILTER WEIGHT	MG/FIL	156	245	230
FILTER RTD	MM H2O	64	77	122
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	24	25	32
TIPPING PAPER TYPE	IC		WHGRD	ICWHDL
TIPPING PERFO. TYPE		EPZ	MLPS	MLPS
TIPPING,PERFO. LINES	NO.		4*	6

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MA

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+L & M
MU MAURITANIA	PROD. CENTERS OR MANUFACTURER	CURITIBA
	CIGARETTE CODE	LMN03
	SIZE/NB PER PACK	LS F/20
	SAMPLING CODE	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.5
DPM DRY.PARTIC.MATTER	MG/CIG	15.6
TAR (=TPM-SN-H2O)	MG/CIG	14.7
SN SMOKE NICOTINE	MG/CIG	0.95
RATIO SN/TAR	%	6.5
PUFF COUNT	NO./CIG	7.6
CO CARBON MONOXIDE	MG/CIG	15.4
NO NITROGEN MONOXIDE	MG/CIG	0.20

F I L L E R

ALKALOIDS, TOTAL	%	1.67
REDUCING SUGARS	%	9.6
NITRATE NITROGEN	%	0.20
AMMONIA NITROGEN	%	0.23
TOB. WT. AT 12.5 % OV	MG/CIG	721
DENSITY AT 12.5 % OV	MG/ML	251
OV AT EQUILIBRIUM	%	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	924
CIG. LENGTH, TOTAL	MM	80
CIG. DIAMETER/CIRCUMFER.	MM	7.82/24.5
CIG. RTD	MM H2O	111
CIG. VENTILATION	%	9
FIRMNESS AS IS	MM	2.66
OVEN VOLATILES AS IS	%	12.2
FIRMNESS AT 12.5 % OV	MM	2.78
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S	
FM FILTER MATERIAL	CA	
FILTER LENGTH, TOTAL	MM	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	154
FILTER RTD	MM H2O	67
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	24
TIPPING PAPER TYPE	IC	
TIPPING PERFO. TYPE	KPZ	
TIPPING, PERFO. LINES	NO.	

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MU

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BEST LUXURY BLEND	CASA SPORTS NON FILTRE	CASA SPORT OLYMPIC BLEUE	MARLBORO RICHMOND	MARQUISE	MARVEL
MO-MOROCCO	PROD. CENTERS OR MANUFACTURER	REGIE/MARO	REGIE/MARO	REGIE/MARO	REGIE/MARO	REGIE/MARO	REGIE/MARO
	CIGARETTE CODE	BSNAC	CBEAC	CATAC	MLF43	MRQAC	MRWAC
	SIZE/NB PER PACK	LS F/20	REG M/20	REG F/20	LS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 1	B 00 1	B 00 1	B 00 2	B 00 1	B 00 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	23.7	30.4	28.2	19.1	27.2	20.2
DPM DRY.PARTIC.MATTER	MG/CIG	20.8	27.0	23.8	15.7	24.3	17.2
TAR (=TPM-SN-H2O)	MG/CIG	19.3	25.6*	22.6	14.7	22.4	16.0
SN SMOKE NICOTINE	MG/CIG	1.53	1.40*	1.17	0.94	1.83	1.13
RATIO SN/TAR	%	7.9	5.5	5.2	6.4	8.2	7.0
PUFF COUNT	NO./CIG	9.6	8.8*	10.1	7.6	9.4	9.1
CO CARBON MONOXIDE	MG/CIG	15.0	17.4	17.8	12.7	16.8	16.4
NO NITROGEN MONOXIDE	MG/CIG	0.22	0.34	0.37	0.22	0.21	0.23

F I L L E R

ALKALOIDS, TOTAL	%	2.04	1.41	1.10	1.69	2.25	1.69
REDUCING SUGARS	%	6.9	< 1	< 1	6.5	6.8	6.7
NITRATE NITROGEN	%	0.21	0.28	0.24	0.23	0.17	0.20
AMMONIA NITROGEN	%	0.19	0.40	0.40	0.20	0.20	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	792	921	847	728	864	881
DENSITY AT 12.5 % OV	MG/ML	267	238	275	240	267	273
OV AT EQUILIBRIUM	%	11.7	11.3	11.7	12.8	11.7	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1000	958	968	930	1077	1083
CIG. LENGTH, TOTAL	MM	80	70	72	80	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	8.40/26.3	8.01/25.1	7.96/24.9	8.03/25.2	8.01/25.1
CIG. RTD	MM H2O	95	33	82	109	95	106
CIG. VENTILATION	%				11		
FIRMNESS AS IS	MM	1.58	2.47	1.17	2.62	1.86	2.33
OVEN VOLATILES AS IS	%	10.3	10.6	10.4	12.8	10.0	11.9
FIRMNESS AT 12.5 % OV	MM	2.48	3.23	2.00	2.52	2.88	2.58
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S		S	S	S	S
FM FILTER MATERIAL	CA		CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	11	19	20	20
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	164	81	149	167	151
FILTER RTD	MM H2O	53	17	63	54	62
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	24	16	24	24	24
TIPPING PAPER TYPE	IC		WH	IC	IC	IC
TIPPING PERFO. TYPE				MLPS		
TIPPING, PERFO. LINES	NO.			1		

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MO

+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	WINSTON
MO MOROCCO	PROD. CENTERS OR MANUFACTURER	REYNOLDS
	CIGARETTE CODE	WIKIC
	SIZE/MB PER PACK	KS F/20
	SAMPLING CODE	B 00 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	18.3
DPM DRY. PARTIC. MATTER	MG/CIG	15.4
TAR (-TPM-SN-H2O)	MG/CIG	14.5
SN SMOKE NICOTINE	MG/CIG	0.92
RATIO SN/TAR	%	6.3
PUFF COUNT	NO./CIG	7.2
CO CARBON MONOXIDE	MG/CIG	13.7
NO NITROGEN MONOXIDE	MG/CIG	0.27

F I L L E R

ALKALOIDS, TOTAL	%	1.64
REDUCING SUGARS	%	8.5
NITRATE NITROGEN	%	0.27
AMMONIA NITROGEN	%	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	734
DENSITY AT 12.5 % OV	MG/ML	236
OV AT EQUILIBRIUM	%	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	944
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8
CIG. RTD	MM H2O	123
CIG. VENTILATION	%	
FIRMNESS AS IS	MM	2.43
OVEN VOLATILES AS IS	%	11.9
FIRMNESS AT 12.5 % OV	MM	2.67
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 21
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL. ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 165
FILTER RTD	MM H2O 62
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 25
TIPPING PAPER TYPE	IC
TIPPING PERFO. TYPE	
TIPPING, PERFO. LINES	NO.

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MO

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BELINDA	BELINDA SUPER KINGS	CABALLERO	CAMEL	CAMEL MILD	+CHESTER- FIELD
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	BAT NL	BAT NL	LAURENS NL	REYNOLD NL	REYNOLD NL	MUNICH
	CIGARETTE CODE	BEKAC	BEJAC	CBPAC	CAKCC	CAHDC	CEG06
	SIZE/NB PER PACK	KS F/25	100 F/25	KS F/25	KS F/25	KS F/20	KS F/20
	SAMPLING CODE	B 02 2	B 00 2	B 00 2	B 01 2	B 00 2	A 00 4
S M O K E							
TPM TOT.PARTIC.MATTER	MG/CIG	6.8	14.9	17.9	18.2	14.3	17.3
DPM DRY.PARTIC.MATTER	MG/CIG	6.4	13.8	16.1	15.8	12.6	14.8
TAR (=TPM-SN-H2O)	MG/CIG	6.0	13.0	15.0	14.8	11.8	13.8
SN SMOKE NICOTINE	MG/CIG	0.42	0.80	1.17	1.01	0.84	0.96
RATIO SN/TAR	%	7.0	6.2	7.8	6.8	7.2	7.0
PUFF COUNT	NO./CIG	8.6	9.7	8.0	8.2	7.5	8.3
CO CARBON MONOXIDE	MG/CIG	5.8	16.0	10.2	14.8	12.6	13.7
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.18	0.10	0.23	0.20	0.16
F I L L E R							
ALKALOIDS, TOTAL	%	1.33	1.41	2.01	1.85	1.84	1.86
REDUCING SUGARS	%	11.4	11.2	9.3	7.4	9.0	6.4
NITRATE NITROGEN	%	0.16	0.16	0.13	0.26	0.24	0.17
AMMONIA NITROGEN	%	0.09	0.08	0.09	0.16	0.13	0.18
TOB. WT. AT 12.5 % OV	MG/CIG	806	909	763	775	747	752
DENSITY AT 12.5 % OV	MG/ML	256	256	249	251	241	244
OV AT EQUILIBRIUM	%	12.7	13.0	12.2	13.0	13.1	13.5
C I G A R E T T E							
CIG. WEIGHT, TOTAL	MG/CIG	1016	1179	967	989	973	969
CIG. LENGTH, TOTAL	MM	84	99	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.97/25.0	7.92/24.8	7.94/24.9	7.90/24.8	7.94/24.9	7.90/24.8
CIG. RTD	MM H2O	97	132	85	103	112	102
CIG. VENTILATION	%	47	17	19	14	17	13
FIRMNESS AS IS	MM	2.31	2.26	3.19	3.13	3.41	2.84
OVEN VOLATILES AS IS	%	12.3	12.5	13.1	13.2	13.7	12.7
FIRMNESS AT 12.5 % OV	MM	2.38	2.28	2.95	2.85	2.95	2.76
CIG. PAP. VENTIL. SYST.							
F I L T E R							
FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	27	22	21	21	21
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	157	209	161	159	171	158
FILTER RTD	MM H2O	66	68	48	64	81	63
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	31	26	25	25	25
TIPPING PAPER TYPE	IC	IC	ICD	IC	IC	IC	IC
TIPPING PERFO. TYPE	MLPM	MLPM	EPZ	EPZ	LPM	MLPM	EPZ
TIPPING, PERFO. LINES	NO.	1			1	1	

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+ PME Brand () Converted values = PME specifications * Comments

2500077872

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CHESTER- FIELD NON FILTER LAURENS	DUNHILL	GAULOISES BLONDES	GLADSTONE MILD	+HUNTER	+L & M
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	TURMAC INT	TURMAC INT	BAT NL	JUBILE	MUNICH	
	CIGARETTE CODE	CER07	DHFLC	GBAGC	GMFAC	HUK03	LMT01
	SIZE/NO PER PACK	REG N/20	KS F/20	KS F/20	KS F/25	KS N/25	KS F/25
	SAMPLING CODE	A 00 2	B 02 2	B 01 2	B 01 2	A 01 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.4	18.0	17.5	13.2	19.1	17.1
DPM DRY.PARTIC.MATTER	MG/CIG	16.2	15.8	14.7	11.9	17.6	14.7
TAR (=TPM-SN-H2O)	MG/CIG	15.2	14.8	13.9	11.2	16.5	13.7
SN SMOKE NICOTINE	MG/CIG	0.99	1.01	0.82	0.69	1.10	0.97
RATIO SN/TAR	%	6.5	6.8	5.9	6.2	6.7	7.1
PUFF COUNT	NO./CIG	7.0	7.8	7.8	8.5	8.6	8.3
CO CARBON MONOXIDE	MG/CIG	7.9	12.5	15.4	13.5	9.7	13.8
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.10	0.23	0.11	0.07	0.16

F I L L E R

ALKALOIDS, TOTAL	%	1.74	1.62	1.77	1.51	1.53	1.81
REDUCING SUGARS	%	7.7	13.3	7.1	12.4	12.8	6.5
NITRATE NITROGEN	%	0.19	0.11	0.22	0.12	0.13	0.17
AMMONIA NITROGEN	%	0.18	0.07	0.12	0.09	0.08	0.17
TOB. WT. AT 12.5 % OV	MG/CIG	869	742	776	793	1054	751
DENSITY AT 12.5 % OV	MG/ML	244	243	245	255	254	243
OV AT EQUILIBRIUM	%	13.8	12.1	13.1	13.3	12.6	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	935	955	984	1005	1117	970
CIG. LENGTH, TOTAL	MM	70	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	8.05/25.2	7.92/24.8	7.93/24.9	7.92/24.8	7.93/24.9	7.90/24.8
CIG. RTD	MM H2O	47	109	122	123	46	102
CIG. VENTILATION	%				17		13
FIRMNESS AS IS	MM	2.64	3.06	2.80	2.27	3.26	2.84
OVEN VOLATILES AS IS	%	12.3	12.7	12.7	12.3	12.2	12.6
FIRMNESS AT 12.5 % OV	MM	2.71	2.97	2.72	2.35	3.42	2.81
CIG. PAP. VENTIL. SYST.	EP					EP	

F I L T E R

FILTER TYPE		S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	22	20	21	21
FILTER-LENGTH PLUG 1	MM				
FILTER-LENGTH PLUG 2	MM				
FILTER-LENGTH PLUG 3	MM				
FA FIL.ADDITIVE TYPE					
FILTER WEIGHT	MG/FIL	167	154	154	158
FILTER RTD	MM H2O	52	67	69	63
FILTER EFFICIENCY	%				
TIPPING LENGTH ON CIG.	MM	26	24	25	25
TIPPING PAPER TYPE		ICD	IC	IC	IC
TIPPING PERFO. TYPE				NLPS	EPZ
TIPPING,PERFO. LINES	NO.			1	

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	LUCKY STRIKE	MANTANO	+MARLBORO KING SIZE	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO MENTHOL LIGHTS MUNICH
NL-NETHERLAND	PROD. CENTERS OR MANUFACTURER	BAT NL	BAT NL	BERGEN OZ	BERGEN OZ	BERGEN OZ	
	CIGARETTE CODE	LSKEC	MMFAC	MLB20	MMX06	MLX01	MLI05
	SIZE/NB PER PACK	KS F/25	KS F/25	KS F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 2	B 01 2	A 00 4	A 00 4	A 00 4	A 01 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.7	16.4	17.9	11.7	10.1	9.7
DPM DRY.PARTIC.MATTER	MG/CIG	15.4	14.3	15.3	10.7	9.2	8.7
TAR (=TPM-SN-H2O)	MG/CIG	14.3	13.5	14.4	10.0	8.6	8.2
SN SMOKE NICOTINE	MG/CIG	1.06	0.84	0.90	0.72	0.60	0.55
RATIO SN/TAR	%	7.4	6.2	6.2	7.3	7.0	6.7
PUFF COUNT	NO./CIG	8.3	8.1	8.1	9.8	7.6	7.8
CO CARBON MONOXIDE	MG/CIG	12.8	14.8	14.0	10.5	9.8	9.0
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.20	0.20	0.16	0.14	0.12

F I L L E R

ALKALOIDS, TOTAL	%	2.07	1.81	1.82	1.84	1.83	1.70
REDUCING SUGARS	%	7.4	9.1	7.8	8.2	7.9	4.7
NITRATE NITROGEN	%	0.20	0.20	0.20	0.20	0.20	0.19
AMMONIA NITROGEN	%	0.23		0.24	0.24	0.24	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	763	942	752	875	702	713
DENSITY AT 12.5 % OV	MG/ML	246	305	242	245	242	246
OV AT EQUILIBRIUM	%	13.1		14.2	14.2	14.2	13.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	974	1030	979	1154	970	975
CIG. LENGTH, TOTAL	MM	84	84	84	98	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.90/24.8	7.92/24.8	7.89/24.7	7.92/24.8	7.91/24.8
CIG. RTD	MM H2O	112	142	107	110	107	112
CIG. VENTILATION	%	21		14	40	36	30
FIRMNESS AS IS	MM	2.85	2.65	2.80	2.91	2.95	2.77
OVEN VOLATILES AS IS	%	13.6	13.3	12.7	12.9	12.9	12.8
FIRMNESS AT 12.5 % OV	MM	2.43	2.33	2.71	2.74	2.80	2.65
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	21	21	25	25	25
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	156	157	162	201	203	201
FILTER RTD	MM H2O	66	68	69	96	95	98
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	25	25	32	32	32
TIPPING PAPER TYPE		IC	IC	IC	ICWHDL	ICWHDL	WHDL
TIPPING PERFO. TYPE		LPM		EPZ	EPZ	EPZ	MLPS
TIPPING,PERFO. LINES	NO.	1					4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO MENTHOL	+MARLBORO 100'S	+MERCEDES	+MERIT	+MURATTI AMBASSADOR	PETER STUYVESANT EXTRA M. TURMAC INT
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	IXELLES	BERGEN OZ	JUBILE	BERGEN OZ	IXELLES	
	CIGARETTE CODE	MLN07	MLH01	MEC03	MER20	MAJ03	PSECC
	SIZE/NB PER PACK	KS F/20	100 F/20	KS F/25	KS F/20	KS F/20	KS F/25
	SAMPLING CODE	A 00 3	A 00 4	A 02 2	A 01 2	A 00 4	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.8	18.2	19.0	7.9	10.4	4.9
DPM DRY.PARTIC.MATTER	MG/CIG	16.2	16.2	16.8	7.2	9.5	4.7
TAR (=TPM-SN-H2O)	MG/CIG	15.3	15.2	15.7	6.7	8.9	4.2
SN SMOKE NICOTINE	MG/CIG	0.96	1.01	1.08	0.47	0.66	0.42
RATIO SN/TAR	%	6.3	6.7	6.9	7.0	7.5	10.1
PUFF COUNT	NO./CIG	8.0	9.7	8.6	7.9	7.9	7.7
CO CARBON MONOXIDE	MG/CIG	14.9	14.1	19.6	9.2	9.6	4.0
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.21	0.14	0.14	0.10	0.05

F I L L E R

ALKALOIDS, TOTAL	%	1.81	1.82	1.57	1.81	1.65	1.90
REDUCING SUGARS	%	7.9	8.0	12.1	7.2	10.9	10.7
NITRATE NITROGEN	%	0.19	0.21	0.12	0.23	0.13	0.16
AMMONIA NITROGEN	%	0.21	0.25	0.09	0.19	0.08	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	741	879	816	705	702	643
DENSITY AT 12.5 % OV	MG/ML	240	247	260	242	228	220
OV AT EQUILIBRIUM	%	14.0	14.3	12.5	13.8	12.7	12.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	967	1153	1108	977	998	875
CIG. LENGTH, TOTAL	MM	84	98	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.87/24.7	7.90/24.8	7.93/24.9	7.89/24.7	7.94/24.9
CIG. RTD	MM H2O	106	114	132	120	104	89
CIG. VENTILATION	%	10	20		39	36	59
FIRMNESS AS IS	MM	2.71	2.81	2.91	2.86	2.28	2.81
OVEN VOLATILES AS IS	%	12.4	12.8	10.8	12.7	11.6	12.7
FIRMNESS AT 12.5 % OV	MM	2.76	2.69	3.60	2.78	2.64	2.75
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	D	S	D	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	25	25	21	25
FILTER-LENGTH PLUG 1	MM		8.0		8.0	
FILTER-LENGTH PLUG 2	MM		12.0		13.0	
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE			AC		AC	
FILTER WEIGHT	MG/FIL	162	198	242	208	244
FILTER RTD	MM H2O	69	71	77	111	78
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	29	25	32	25
TIPPING PAPER TYPE	IC	ICD	WHGRD	ICWHDL	WHGRD	ICD
TIPPING PERFO. TYPE	EPZ	EPZ		EPZ	MLPS	MLPM
TIPPING, PERFO. LINES	NO.				2	1

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+ PME Brand () Converted values = PME specifications * Comments

250007875

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	PETER STUYVESANT	+PHILIP MORRIS LIGHTS	+PHILIP MORRIS NON FILTER	+PHILIP MORRIS SUPER L. BERGEN OZ	+PHILIP MORRIS ULTRA LGTS MUNICH	+RAFFLES 100'S
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	TURMAC INT	IXELLES	JUBILE			CARROLL
	CIGARETTE CODE	PSKAC	PML02	PMR03	PMS06	PMU08	RAH05
	SIZE/NB PER PACK	KS F/25	KS F/20	REG N/25	KS F/20	KS F/20	100 F/10
	SAMPLING CODE	B 01 2	A 00 3	A 00 3	A 00 4	A 00 4	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.8	10.3	21.5	4.4	2.7	14.3
DPM DRY.PARTIC.MATTER	MG/CIG	15.1	9.4	19.2	4.1	2.5	13.0
TAR (=TPM-SN-H2O)	MG/CIG	14.0	8.7	18.2	3.8	2.3	12.0*
SN SMOKE NICOTINE	MG/CIG	1.07	0.63	1.01	0.31	0.23	1.09*
RATIO SN/TAR	%	7.6	7.2	5.5	8.1	9.8	9.2
PUFF COUNT	NO./CIG	8.6	7.7	7.8	7.6	7.4	9.2*
CO CARBON MONOXIDE	MG/CIG	10.8	9.7	10.8	4.0	2.7	13.5
NO NITROGEN MONOXIDE	MG/CIG	0.07	0.13	0.10	0.06	0.04	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.88	1.83	1.50	2.07	2.54	2.28
REDUCING SUGARS	%	13.0	8.3	12.7	8.5	8.4	12.6
NITRATE NITROGEN	%	0.08	0.20	0.14	0.18	0.15	0.08
AMMONIA NITROGEN	%		0.28	0.12	0.14	0.14	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	766	694	934	656	598	869
DENSITY AT 12.5 % OV	MG/ML	250	241	271	226	208	237
OV AT EQUILIBRIUM	%	12.7	13.9	13.5	13.9	12.5	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	985	962	994	930	883	1124
CIG. LENGTH, TOTAL	MM	84	84	70	84	84	100
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.89/24.7	7.93/24.9	7.92/24.8	7.89/24.7	7.94/24.9
CIG. RTD	MM H2O	104	106	53	101	79	131
CIG. VENTILATION	%	19	36		64	66	13
FIRMNESS AS IS	MM	3.13	2.80	2.84	2.71	2.91	2.33
OVEN VOLATILES AS IS	%	13.4	12.6	12.0	12.7	11.8	11.4
FIRMNESS AT 12.5 % OV	MM	2.77	2.76	3.04	2.64	3.21	2.80
CIG. PAP. VENTIL. SYST.				EP			

F I L T E R

FILTER TYPE		S	S	S	D	S
FM FILTER MATERIAL		CA	CA	CA	CAP	CA
FILTER LENGTH, TOTAL	MM	22	25	25	25	26
FILTER-LENGTH PLUG 1	MM				16.0	
FILTER-LENGTH PLUG 2	MM				9.0	
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	166	203	212	234	198
FILTER RTD	MM H2O	66	99	118	113	87
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	26	32	32	32	30
TIPPING PAPER TYPE	IC		ICWHDL	ICWHDL	ICWHDL	ICD
TIPPING PERFO. TYPE		EPZ	EPZ	MLPS	MLPS	EPZ
TIPPING, PERFO. LINES	NO.			4	5	

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+ PME Brand () Converted values = PME specifications * Comments

2500077876

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	ROXY DUAL EXTRA LIGHT	ROXY DUAL MILD	+RUNNER	+RUNNER MENTHOL	+RUNNER NON-FILTER	TIVOLI VERY MILD
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	NIEMEYER	NIEMEYER	JUBILE	JUBILE	JUBILE	LAURENS NL
	CIGARETTE CODE	RMUAC	RODAC	RUF04	RUM03	RUP03	TVNAC
	SIZE/NB PER PACK	KS F/25	KS F/25	KS F/25	KS F/25	KS N/25	KS F/25
	SAMPLING CODE	B 00 2	B 02 1	A 00 4	A 00 3	A 02 2	B 02 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	6.8	9.1	21.2	21.2	19.5	13.0
DPH DRY. PARTIC. MATTER	MG/CIG	6.3	8.3	18.1	18.1	18.1	12.0
TAR (=TPM-SN-H2O)	MG/CIG	5.9	7.8	17.0	17.1	16.9	11.0
SN SMOKE NICOTINE	MG/CIG	0.38	0.54	1.08	1.06	1.12	0.96
RATIO SN/TAR	%	6.5	7.0	6.4	6.2	6.6	8.7
PUFF COUNT	NO./CIG	7.6	8.0	8.4	8.7	8.7	8.2
CO CARBON MONOXIDE	MG/CIG	10.2	9.4	18.2	18.1	10.3	9.8
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.14	0.12	0.12	0.07	0.06

F I L L E R

ALKALOIDS, TOTAL	%	1.77	1.75	1.57	1.60	1.42	1.82
REDUCING SUGARS	%	8.6	7.8	11.5	12.6	11.8	11.8
NITRATE NITROGEN	%	0.19	0.19	0.12	0.12	0.11	0.07
AMMONIA NITROGEN	%	0.09	0.08	0.08	0.08	0.07	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	766	773	816	816	1019	773
DENSITY AT 12.5 % OV	MG/ML	249	253	259	259	246	254
OV AT EQUILIBRIUM	%	13.2	12.0	12.7	13.0	12.7	12.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1050	1020	1024	1028	1081	986
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.96/24.9	7.92/24.8	7.93/24.9	7.93/24.9	7.92/24.8	7.91/24.8
CIG. RTD	MM H2O	135	98	126	126	45	107
CIG. VENTILATION	%	19	22				17
FIRMNESS AS IS	MM	3.05	2.51	3.07	3.16	3.28	2.43
OVEN VOLATILES AS IS	%	13.2	12.0	12.2	12.6	11.9	12.4
FIRMNESS AT 12.5 % OV	MM	2.77	2.73	3.21	3.12	3.51	2.49
CIG. PAP. VENTIL. SYST.						EP	EP

F I L T E R

FILTER TYPE		D	D	S	S	S
FM FILTER MATERIAL		CAP	CAP	CA	CA	CA
FILTER LENGTH, TOTAL	MM	22	22	20	20	22
FILTER-LENGTH PLUG 1	MM	6.0	12.0			
FILTER-LENGTH PLUG 2	MM	16.0	10.0			
FILTER-LENGTH PLUG 3	MM					
FA FIL. ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	226	201	157	158	171
FILTER RTD	MM H2O	104	68	69	69	65
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	29	26	24	24	26
TIPPING PAPER TYPE	IC		IC	IC	IC	IC
TIPPING PERFO. TYPE	LPS		LPS			EP2
TIPPING, PERFO. LINES	NO.	1	1			

33.440

DATE 09/07/92 TIME 11.25

NL

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	WINSTON
NL NETHERLAND	PROD. CENTERS OR MANUFACTURER	REYNOLD NL
	CIGARETTE CODE	WIKQC
	SIZE/NB PER PACK	KS F/20
	SAMPLING CODE	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.4
DPH DRY.PARTIC.MATTER	MG/CIG	16.1
TAR (=TPM-SN-H2O)	MG/CIG	15.1
SN SMOKE NICOTINE	MG/CIG	1.03
RATIO SN/TAR	%	6.8
PUFF COUNT	NO./CIG	8.6
CO CARBON MONOXIDE	MG/CIG	14.6
NO NITROGEN MONOXIDE	MG/CIG	0.25

F I L L E R

ALKALOIDS, TOTAL	%	1.86
REDUCING SUGARS	%	8.5
NITRATE NITROGEN	%	0.25
AMMONIA NITROGEN	%	
TOB. WT. AT 12.5 % OV	MG/CIG	785
DENSITY AT 12.5 % OV	MG/ML	251
OV AT EQUILIBRIUM	%	12.8

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	995
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9
CIG. RTD	MM H2O	101
CIG. VENTILATION	%	16
FIRMNESS AS IS	MM	2.87
OVEN VOLATILES AS IS	%	13.2
FIRMNESS AT 12.5 % OV	MM	2.59
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S	
FM FILTER MATERIAL	CA	
FILTER LENGTH, TOTAL	MM	21
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	156
FILTER RTD	MM H2O	65
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	25
TIPPING PAPER TYPE	IC	
TIPPING PERFO. TYPE	MLPM	
TIPPING, PERFO. LINES	NO.	1

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NL

+ PME Brand () Converted values = PME specifications * Comments

2500077878

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+GREEN SPOT MENTHOL	+LINK	+LINK NON FILTER	+TARGET
WN NIGERIA	PROD. CENTERS OR MANUFACTURER	ILORIN	ILORIN	ILORIN	ILORIN
	CIGARETTE CODE	GRN01	LIP01	LIP01	TGF01
	SIZE/MB PER PACK	LS F/20	LS F/20	LS N/20	KS F/10
	SAMPLING CODE	A 00 2	A 00 1	A 00 1	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.5	13.5	17.2	16.7
DPM DRY.PARTIC.MATTER	MG/CIG	13.9	11.8	15.5	14.5
TAR (=TPM-SN-H2O)	MG/CIG	13.1	11.0*	14.6*	13.7
SN SMOKE NICOTINE	MG/CIG	0.86	0.75*	0.88*	0.74
RATIO SN/TAR	%	6.6	6.8	6.0	5.4
PUFF COUNT	NO./CIG	7.7	8.2*	6.9*	8.2
CO CARBON MONOXIDE	MG/CIG	11.0	9.9	9.2	13.3
NO NITROGEN MONOXIDE	MG/CIG	0.12	0.11	0.08	0.10

F I L L E R

ALKALOIDS, TOTAL	%	1.35	1.29	1.28	1.01
REDUCING SUGARS	%	3.0	3.1	2.4	6.0
NITRATE NITROGEN	%	0.16	0.16	0.16	0.10
AMMONIA NITROGEN	%	0.10	0.11	0.13	0.07
TOB. WT. AT 12.5 % OV	MG/CIG	776	832	824	807
DENSITY AT 12.5 % OV	MG/ML	267	276	219	268
OV AT EQUILIBRIUM	%	11.7	11.7	11.9	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	955	1009	876	989
CIG. LENGTH, TOTAL	MM	79	80	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.79/24.4	7.87/24.7	7.74/24.3	7.62/23.9
CIG. RTD	MM H2O	116	128	43	134
CIG. VENTILATION	%				
FIRMNESS AS IS	MM	2.11	2.07	2.87	2.31
OVEN VOLATILES AS IS	%	12.3	14.1	13.3	12.1
FIRMNESS AT 12.5 % OV	MM	2.20	1.45	2.54	2.49
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE		S	S	S
FM FILTER MATERIAL		CA	CA	CA
FILTER LENGTH,TOTAL	MM	18	18	18
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	135	135	136
FILTER RTD	MM H2O	58	60	55
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	23	23	23
TIPPING PAPER TYPE		IC	IC	IC
TIPPING PERFO. TYPE				
TIPPING,PERFO. LINES	NO.			

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WN

+ PME Brand () Converted values = PME specifications * Comments

2500077879

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BARCLAY	BILTMORE FULL FLAVOR	BILTMORE LIGHT	CAMEL	CAMEL EXTRA LIGHTS	CAMEL LIGHTS
NO-NORWAY	PROD. CENTERS OR MANUFACTURER	SUOMEN TUP	TIEDEMANN'S	TIEDEMANN'S	REYNOLD CH	REYNOLD CH	REYNOLD CH
	CIGARETTE CODE	BAXIC	BINAC	BIOAC	CAKNC	CCDBC	CAMEC
	SIZE/NE PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 01 1	B 03 1	B 03 1	B 01 1	B 01 1	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	6.4	22.5	19.0	19.4	6.6	9.3
DPM DRY.PARTIC.MATTER	MG/CIG	5.9	18.3	16.2	16.5	6.2	8.4
TAR (=TPM-SN-H2O)	MG/CIG	5.4	17.1	15.0	15.4*	5.7	7.8
SN SMOKE NICOTINE	MG/CIG	0.54	1.18	1.20	1.08*	0.52	0.67
RATIO SN/TAR	%	10.1	6.9	8.0	7.0	9.1	8.6
PUFF COUNT	NO./CIG	7.2	8.4	9.3	7.3*	7.4	7.5
CO CARBON MONOXIDE	MG/CIG	6.2	18.3	15.2	13.9	5.7	7.4
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.11	0.13	0.19	0.09	0.12

F I L L E R

ALKALOIDS, TOTAL	%	2.50	1.74	1.84	1.86	2.06	2.03
REDUCING SUGARS	%	6.8	9.6	10.9	7.9	6.9	8.5
NITRATE NITROGEN	%	0.17	0.09	0.12	0.20	0.23	0.21
AMMONIA NITROGEN	%	0.10	0.05	0.12	0.09	0.12	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	591	793	820	626*	650	642
DENSITY AT 12.5 % OV	MG/ML	209	248	255	202	209	207
OV AT EQUILIBRIUM	%	11.9	12.7	13.3	12.1	11.9	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	892	1002	1120	831	873	843
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.97/25.0	8.00/25.1	7.91/24.8	7.94/24.9	7.92/24.8
CIG. RTD	MM H2O	34	116	96	95	104	87
CIG. VENTILATION	%	81	13	13	16*	50	46
FIRMNESS AS IS	MM	2.12	1.42	1.90	2.24	2.47	2.57
OVEN VOLATILES AS IS	%	11.0	8.4	11.1	10.8	11.2	11.9
FIRMNESS AT 12.5 % OV	MM	2.74	3.06	2.48	2.91	2.99	2.81
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		FFS	S	D	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	27	20	20	21	21	21
FILTER-LENGTH PLUG 1	MM			5.0			
FILTER-LENGTH PLUG 2	MM			15.0			
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE				AC			
FILTER WEIGHT	MG/FIL	257	156	239	157	175	154
FILTER RTD	MM H2O	123	71	67	47	97	64
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	24	24	25	25	25
TIPPING PAPER TYPE		ICWHD	IC	IC	IC	ICD	IC
TIPPING PERFO. TYPE		MPS		EPZ	EPZ	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	3				4	3

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NO

+ PME Brand () Converted values = PME specifications * Comments

2500077880

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	DUNHILL SPECIAL LIGHT SULLANA	+L & M FULL FLAVOR SERRIERES	LUCKY STRIKE SUOMEN TUP	+MARLBORO KING SIZE SERRIERES	+MARLBORO LIGHTS SERRIERES	+MARLBORO MENTHOL LIGHTS SERRIERES
NO NORWAY	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	DH0BC	LM001	LSBDC	MLK15	MLY04	MLI03
	SIZE/NO PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 03 1	A 00 2	B 01 2	A 00 4	A 00 4	A 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.0	18.8	17.1	18.2	12.2	12.0
DPM DRY.PARTIC.MATTER	MG/CIG	8.4	16.1	15.0	15.4	10.8	10.8
TAR (=TPM-SN-H2O)	MG/CIG	7.8	14.9	14.0	14.5	10.2	10.0
SN SMOKE NICOTINE	MG/CIG	0.61	1.09	1.05	0.93	0.70	0.77
RATIO SN/TAR	%	7.8	7.3	7.5	6.4	6.9	7.7
PUFF COUNT	NO./CIG	7.7	8.6	9.0	8.3	7.6	7.7
CO CARBON MONOXIDE	MG/CIG	6.3	15.0	11.9	14.1	11.1	10.9
NO NITROGEN MONOXIDE	MG/CIG	0.11	0.17	0.22	0.19	0.16	0.14

F I L L E R

ALKALOIDS, TOTAL	%	1.67	1.90	1.88	1.79	1.77	2.04
REDUCING SUGARS	%	8.9	7.5	6.0	7.5	7.7	10.4
NITRATE NITROGEN	%	0.25	0.19	0.21	0.21	0.21	0.18
AMMONIA NITROGEN	%	0.25	0.19	0.23	0.26	0.26	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	716	791	750	756	687	635
DENSITY AT 12.5 % OV	MG/ML	233	253	237	243	249	232
OV AT EQUILIBRIUM	%	12.4	13.1	12.4	13.5	13.3	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	932	1002	961	977	935	874
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.95/24.9	7.94/24.9	7.93/24.9	7.92/24.8	7.88/24.7
CIG. RTD	MM H2O	92	108	115	111	114	114
CIG. VENTILATION	%	47	15	28	14	22	29
FIRMNESS AS IS	MM	3.26	2.99	2.03	2.77	2.61	2.77
OVEN VOLATILES AS IS	%	13.2	12.4	11.6	12.5	12.7	12.6
FIRMNESS AT 12.5 % OV	MM	3.00	3.03	2.42	2.78	2.56	2.76
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	22	21	20	21	28
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	167	156	162	162	193
FILTER RTD	MM H2O	68	63	76	68	84
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	26	25	24	25	32
TIPPING PAPER TYPE	ICD	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE	MLPS/M		EPZ	MLPM	EPZ	EPZ
TIPPING, PERFO. LINES	NO.	5		1		

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NO

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MERIT	+MERIT MENTHOL ULTRA L.	PALL MALL EXTRA MILD	PALL MALL MILD	+PHILIP MORRIS MULTIFILT.	PRINCE
NO NORWAY	PROD. CENTERS OR MANUFACTURER	SERRIERES	SERRIERES	SUOMEN TUP	SUOMEN TUP	SERRIERES	TIEDEMANN'S
	CIGARETTE CODE	MER13	MEW01	PBEAC	PEMAC	PMM04	PCBAC
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 01 2	B 01 2	B 01 2	A 02 2	B 01 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	7.8	4.1	11.1	15.1	15.3	21.6
DPM DRY.PARTIC.MATTER	MG/CIG	7.1	3.8	10.1	13.2	13.2	18.7
TAR (=TPM-SN-H2O)	MG/CIG	6.6	3.5	9.4	12.4	12.3	17.3*
SN SMOKE NICOTINE	MG/CIG	0.50	0.31	0.71	0.81	0.87	1.37*
RATIO SN/TAR	%	7.7	9.0	7.6	6.5	7.1	7.9
PUFF COUNT	NO./CIG	7.6	8.0	8.0	7.8	7.5	8.7
CO CARBON MONOXIDE	MG/CIG	8.9	4.4	7.7	11.5	14.9	16.3
NO NITROGEN MONOXIDE	MG/CIG	0.15	0.07	0.09	0.13	0.11	0.19

F I L L E R

ALKALOIDS, TOTAL	%	1.90	1.95	1.58	1.55	1.71	2.20
REDUCING SUGARS	%	7.2	8.6	9.0	8.9	10.2	7.0
NITRATE NITROGEN	%	0.26	0.20	0.15	0.16	0.13	0.20
AMMONIA NITROGEN	%	0.18	0.16	0.12	0.13	0.08	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	677	636	722	721	710	791
DENSITY AT 12.5 % OV	MG/ML	246	230	229	228	229	242
OV AT EQUILIBRIUM	%	13.5	13.4	12.7	12.5	12.4	12.8

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	960	919	928	927	1003	1006
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	7.93/24.9	7.92/24.8	7.93/24.9	7.92/24.8	8.06/25.3
CIG. RTD	MM H2O	123	100	89	107	135	97
CIG. VENTILATION	%	37	63	42	23		16
FIRMNESS AS IS	MM	2.78	2.49	2.13	2.31	2.85	2.62
OVEN VOLATILES AS IS	%	12.8	12.1	11.8	11.5	12.0	10.9
FIRMNESS AT 12.5 % OV	MM	2.70	2.66	2.43	2.72	3.06	3.27
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	D	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	28	20	20	20
FILTER-LENGTH PLUG 1	MM				10.0	
FILTER-LENGTH PLUG 2	MM				11.0	
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE					AC	
FILTER WEIGHT	MG/FIL	228	229	154	157	242
FILTER RTD	MM H2O	116	121	57	57	77
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	24	24	25
TIPPING PAPER TYPE	ICWHDL	ICWHDL	WH	WH	WHGRD	IC
TIPPING PERFO. TYPE	EPZ	MLPS	MLPM	MLPM		MSLP*
TIPPING, PERFO. LINES	NO.	6	1	1		6*

33.440

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NO

+ PME Brand () Converted values = PME specifications * Comments

2500077882

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	PRINCE EXTRA MILD	PRINCE MILD
NO NORWAY	PROD. CENTERS OR MANUFACTURER	TIEDEMANN'S	TIEDEMANN'S
	CIGARETTE CODE	PCOAC	PCMAC
	SIZE/MB PER PACK	KS F/20	KS F/20
	SAMPLING CODE	B 01 1	B 01 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	12.3	16.0
DPM DRY.PARTIC.MATTER	MG/CIG	11.1	14.1
TAR (=TPM-SN-H2O)	MG/CIG	10.2*	13.0*
SN SMOKE NICOTINE	MG/CIG	0.91*	1.09*
RATIO SN/TAR	%	8.9	8.4
PUFF COUNT	NO./CIG	9.3	9.0*
CO CARBON MONOXIDE	MG/CIG	10.9	13.4
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.14

F I L L E R

ALKALOIDS, TOTAL	%	2.20	2.17
REDUCING SUGARS	%	6.4	6.8
NITRATE NITROGEN	%	0.20	0.17
AMMONIA NITROGEN	%	0.10	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	791	776
DENSITY AT 12.5 % OV	MG/ML	241	244
OV AT EQUILIBRIUM	%	12.9	13.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1023	1017
CIG. LENGTH, TOTAL	MM	84	84
CIG. DIAMETER/CIRCUMFER.	MM	8.08/25.3	7.95/24.9
CIG. RTD	MM H2O	102	109
CIG. VENTILATION	%	42	27
FIRMNESS AS IS	MM	2.68	2.43
OVEN VOLATILES AS IS	%	11.7	11.4
FIRMNESS AT 12.5 % OV	MM	3.01	2.86
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE		S	S
FM FILTER MATERIAL		CA	CA
FILTER LENGTH,TOTAL	MM	20	20
FILTER-LENGTH PLUG 1	MM		
FILTER-LENGTH PLUG 2	MM		
FILTER-LENGTH PLUG 3	MM		
FA FIL.ADDITIVE TYPE			
FILTER WEIGHT	MG/FIL	175	183
FILTER RTD	MM H2O	87	79
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	24	24
TIPPING PAPER TYPE		IC	IC
TIPPING PERFO. TYPE		MSLP*	MSL
TIPPING,PERFO. LINES	NO.	8*	8*

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NO

+ PME Brand () Converted values = PME specifications * Comments

2500077883

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CONGRESS	+L & M	+L & M	+MARLBORO KING SIZE
PL POLAND	PROD. CENTERS OR MANUFACTURER	CURITIBA	SERRIERES	CURITIBA	KRAKOW
	CIGARETTE CODE	CON01	LMK21	LMN03	MLK49
	SIZE/MB PER PACK	LS F/20	KS F/20	LS F/20	KS F/20
	SAMPLING CODE	A 00 3	A 00 2	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.6	19.6	18.5	21.1
DPM DRY.PARTIC.MATTER	MG/CIG	15.6	16.6	15.6	17.7
TAR (=TPM-SN-H2O)	MG/CIG	14.7	15.7*	14.7	16.6
SN SMOKE NICOTINE	MG/CIG	0.92	0.90*	0.95	1.01
RATIO SN/TAR	%	6.3	5.7	6.5	6.1
PUFF COUNT	NO./CIG	7.7	8.2*	7.6	7.9
CO CARBON MONOXIDE	MG/CIG	15.6	16.5	15.4	17.5
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.21	0.20	0.23

F I L L E R

ALKALOIDS, TOTAL	%	1.59	1.63	1.67	1.69
REDUCING SUGARS	%	9.8	9.2	9.6	8.3
NITRATE NITROGEN	%	0.19	0.19	0.20	0.20
AMMONIA NITROGEN	%	0.23	0.24	0.23	0.21
TOB. WT. AT 12.5 % OV	MG/CIG	718	790	721	783
DENSITY AT 12.5 % OV	MG/ML	248	255	251	251
OV AT EQUILIBRIUM	%	12.8	12.9	12.4	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	922	1002	924	1002
CIG. LENGTH, TOTAL	MM	80	84	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.82/24.5	7.92/24.8	7.82/24.5	7.95/24.9
CIG. RTD	MM H2O	111	124	111	117
CIG. VENTILATION	%	9		9	
FIRMNESS AS IS	MM	2.75	2.83	2.66	2.65
OVEN VOLATILES AS IS	%	12.6	12.3	12.2	11.4
FIRMNESS AT 12.5 % OV	MM	2.73	2.94	2.78	3.09
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM 20	21	20	21
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	152	160	154
FILTER RTD	MM H2O	65	67	67
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	24	25	24
TIPPING PAPER TYPE	IC	IC	IC	IC
TIPPING PERFO. TYPE	EPZ		EPZ	
TIPPING, PERFO. LINES	NO.			

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	
PO PORTUGAL	PROD. CENTERS OR MANUFACTURER	+MARLBORO LIGHTS IXELLES
	CIGARETTE CODE	MLX23
	SIZE/NB PER PACK	KS F/20
	SAMPLING CODE	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	10.2
DPM DRY.PARTIC.MATTER	MG/CIG	9.2
TAR (=TPM-SN-H2O)	MG/CIG	8.6
SN SMOKE NICOTINE	MG/CIG	0.60
RATIO SN/TAR	%	7.0
PUFF COUNT	NO./CIG	7.5
CO CARBON MONOXIDE	MG/CIG	10.3
NO NITROGEN MONOXIDE	MG/CIG	0.15

F I L L E R

ALKALOIDS, TOTAL	%	1.83
REDUCING SUGARS	%	8.0
NITRATE NITROGEN	%	0.20
AMMONIA NITROGEN	%	0.24
TOB. WT. AT 12.5 % OV	MG/CIG	690
DENSITY AT 12.5 % OV	MG/ML	238
OV AT EQUILIBRIUM	%	14.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	962
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8
CIG. RTD	MM H2O	109
CIG. VENTILATION	%	33
FIRMNESS AS IS	MM	2.76
OVEN VOLATILES AS IS	%	12.4
FIRMNESS AT 12.5 % OV	MM	2.79
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE		S
FM FILTER MATERIAL		CA
FILTER LENGTH, TOTAL	MM	25
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	206
FILTER RTD	MM H2O	97
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	32
TIPPING PAPER TYPE		ICWHDL
TIPPING PERFO. TYPE		EPZ
TIPPING, PERFO. LINES	NO.	

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	JUBILEE
QU QATAR	PROD. CENTERS OR MANUFACTURER	ROTHMANS
	CIGARETTE CODE	JUBEC
	SIZE/NB PER PACK	KS F/20
	SAMPLING CODE	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	13.3
DPM DRY.PARTIC.MATTER	MG/CIG	11.8
TAR (=TPM-SN-H2O)	MG/CIG	11.2
SN SMOKE NICOTINE	MG/CIG	0.65
RATIO SN/TAR	%	5.9
PUFF COUNT	NO./CIG	7.7
CO CARBON MONOXIDE	MG/CIG	9.1
NO NITROGEN MONOXIDE	MG/CIG	0.05

F I L L E R

ALKALOIDS, TOTAL	%	1.18
REDUCING SUGARS	%	13.0
NITRATE NITROGEN	%	0.07
AMMONIA NITROGEN	%	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	790
DENSITY AT 12.5 % OV	MG/ML	250
OV AT EQUILIBRIUM	%	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	989
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9
CIG. RTD	MM H2O	91
CIG. VENTILATION	%	19
FIRMNESS AS IS	MM	2.78
OVEN VOLATILES AS IS	%	11.7
FIRMNESS AT 12.5 % OV	MM	3.13
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 20
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 153
FILTER RTD	MM H2O 52
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 24
TIPPING PAPER TYPE	IC
TIPPING PERFO. TYPE	MLPS
TIPPING, PERFO. LINES	NO. 2

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO KING SIZE
RE REUNION	PROD. CENTERS OR MANUFACTURER	CORETAB
	CIGARETTE CODE	MLB12
	SIZE/MB PER PACK	KS F/20
	SAMPLING CODE	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.8
DEPM DRY.PARTIC.MATTER	MG/CIG	14.5
TAR (=TPM-SN-H2O)	MG/CIG	13.6
SN SMOKE NICOTINE	MG/CIG	0.90
RATIO SN/TAR	%	6.6
PUFF COUNT	NO./CIG	8.4
CO CARBON MONOXIDE	MG/CIG	12.9
NO NITROGEN MONOXIDE	MG/CIG	0.19

F I L L E R

ALKALOIDS, TOTAL	%	1.72
REDUCING SUGARS	%	7.0
NITRATE NITROGEN	%	0.21
AMMONIA NITROGEN	%	0.21
TOB. WT. AT 12.5 % OV	MG/CIG	774
DENSITY AT 12.5 % OV	MG/ML	247
OV AT EQUILIBRIUM	%	12.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	987
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8
CIG. RTD	MM H2O	113
CIG. VENTILATION	%	18
FIRMNESS AS IS	MM	2.49
OVEN VOLATILES AS IS	%	12.3
FIRMNESS AT 12.5 % OV	MM	2.56
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE		S
FM FILTER MATERIAL		CA
FILTER LENGTH, TOTAL	MM	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL.ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	157
FILTER RTD	MM H2O	68
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	24
TIPPING PAPER TYPE		IC
TIPPING PERFO. TYPE		EPZ
TIPPING, PERFO. LINES	NO.	

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+BOND STREET	+CONGRESS	+L & M	+MARLBORO LIGHTS
SU RUSSIA	PROD. CENTERS OR MANUFACTURER	MERLO	CURITIBA	CURITIBA	SERRIERES
	CIGARETTE CODE	BSK04	COM01	LMN03	MLX30
	SIZE/NB PER PACK	KS F/20	LS F/20	LS F/20	KS F/20
	SAMPLING CODE	A 00 2	A 00 3	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.2	18.6	18.5	9.8
DPH DRY.PARTIC.MATTER	MG/CIG	15.3	15.6	15.6	8.9
TAR (=TPM-SN-H20)	MG/CIG	14.4	14.7	14.7	8.3
SN SMOKE NICOTINE	MG/CIG	0.87	0.92	0.95	0.62
RATIO SN/TAR	%	6.0	6.3	6.5	7.5
PUFF COUNT	NO./CIG	7.6	7.7	7.6	7.9
CO CARBON MONOXIDE	MG/CIG	15.5	15.6	15.4	9.7
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.19	0.20	0.14

F I L L E R

ALKALOIDS, TOTAL	%	1.54	1.59	1.67	1.78
REDUCING SUGARS	%	9.4	9.8	9.6	7.6
NITRATE NITROGEN	%	0.20	0.19	0.20	0.21
AMMONIA NITROGEN	%	0.19	0.23	0.23	0.26
TOB. WT. AT 12.5 % OV	MG/CIG	748	718	721	677
DENSITY AT 12.5 % OV	MG/ML	243	248	251	246
OV AT EQUILIBRIUM	%	12.2	12.8	12.4	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	947	922	924	948
CIG. LENGTH, TOTAL	MM	84	80	80	84
CIG. DIAMETER/CIRCUMFER.	MM	7.83/24.5	7.82/24.5	7.82/24.5	7.92/24.8
CIG. RTD	MM H2O	112	111	111	111
CIG. VENTILATION	%	9	9	9	36
FIRMNESS AS IS	MM	2.26	2.75	2.66	2.74
OVEN VOLATILES AS IS	%	11.7	12.6	12.2	12.5
FIRMNESS AT 12.5 % OV	MM	2.57	2.73	2.78	2.75
CIG. PAP. VENTIL. SYST.					

F I L T E R

FILTER TYPE	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	20	28
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	151	152	154
FILTER RTD	MM H2O	60	65	67
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	24	24	32
TIPPING PAPER TYPE	IC	IC	IC	ICWHD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.			

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BARCLAY	BARCLAY ULTRA LIGHTS	BARCLAY 100'S	BENSON & HEDGES SPECIAL F.	CARLTON 100'S	CARTIER VENDOME LIGHTS
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	BRWN+WILAM	BRWN+WILAM	BRWN+WILAM	GALLAHER	AMERICAN T	ROTHMANS
	CIGARETTE CODE	BAXHC	BENBC	BBABC	BNFEC	CAYAC	CBCHC
	SIZE/NB PER PACK	KS F/20	KS F/20	100 F/20	KS F/20	100 F/20	100 F/20
	SAMPLING CODE	B 00 2	B 00 3	B 00 2	B 00 3	B 00 1	B 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	4.8	3.1	4.6	10.1	1.1	4.9
DPM DRY.PARTIC.MATTER	MG/CIG	4.5	2.9	4.2	8.9	1.1	4.7
TAR (=TPM-SM-H2O)	MG/CIG	4.1	2.7	3.9	8.2	0.9*	4.3
SN SMOKE NICOTINE	MG/CIG	0.35	0.25	0.33	0.72	0.11	0.42
RATIO SN/TAR	%	8.6	9.5	8.4	8.9	11.5	9.9
PUFF COUNT	NO./CIG	8.0	7.7	9.7	7.5	7.5	8.6
CO CARBON MONOXIDE	MG/CIG	4.7	4.4	3.8			
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.05	0.09			

F I L L E R

ALKALOIDS, TOTAL	%	1.88	1.84	1.73	1.91	2.14	1.82
REDUCING SUGARS	%	6.7	7.0	6.8	12.6	7.4	9.5
NITRATE NITROGEN	%	0.26	0.19	0.25	0.09	0.30	0.15
AMMONIA NITROGEN	%	0.29	0.07	0.25	0.04	0.13	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	675	646	821	738	558*	674
DENSITY AT 12.5 % OV	MG/ML	241	231	239	233	172	222
OV AT EQUILIBRIUM	%	12.5	11.6	12.2	12.2	12.1	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	998	943	1161	946	863	889
CIG. LENGTH, TOTAL	MM	84	84	97	84	99	94
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	7.91/24.8	7.92/24.8	7.95/24.9	7.78/24.4	7.49/23.5
CIG. RTD	MM H2O	35	85	62	121	80	93
CIG. VENTILATION	%	87	70	83	33	82	63
FIRMNESS AS IS	MM	2.56	2.52	2.75	2.61	2.70	3.05
OVEN VOLATILES AS IS	%	11.9	11.7	12.2	12.8	11.9	12.8
FIRMNESS AT 12.5 % OV	MM	2.82	2.85	2.89	2.50	2.93	2.94
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		FFS	D	FFS	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	27	27	27	20	31*	25
FILTER-LENGTH PLUG 1	MM		15.0				
FILTER-LENGTH PLUG 2	MM		12.0				
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	272	256	278	151	253*	167
FILTER RTD	MM H2O	103	128	114	82	129*	91
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	32	36	25	35	29
TIPPING PAPER TYPE		ICWHDL	ICWHDL	ICWHDL	IC	WHDL	WHD
TIPPING PERFO. TYPE		MPS/MLPM	MLPM	MPS/LPM	MLPM	MLPM	MLPS
TIPPING,PERFO. LINES	NO.	4	1	3	1	1	8

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CHAMPION MILD MENTHOL FORTUNE TO	CLEOPATRA EASTERN TO	CLEOPATRA 100'S EASTERN TO	DUNHILL ROTHMANS	DUNHILL SPECIAL LIGHTS ROTHMANS	GALLANT EXPORT BURRUS CH
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	CHOAC	CLPDC	CLQCC	DHFM C	DHQCC	GARAC
	SIZE/NB PER PACK	KS F/20	KS F/20	100 F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 3	B 00 3	B 00 2	B 00 3	B 02 2	B 00 3

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	15.7	13.7	12.9	8.2	9.7	14.0
DPM DRY. PARTIC. MATTER	MG/CIG	14.3	12.6	12.0	7.6	8.5	11.9
TAR (=TPM-SN-H2O)	MG/CIG	13.3	11.9	11.4	7.0	7.9	11.2
SN SMOKE NICOTINE	MG/CIG	1.04	0.70	0.66	0.60	0.60	0.72
RATIO SN/TAR	%	7.8	5.9	5.8	8.6	7.6	6.5
PUFF COUNT	NO./CIG	10.4	9.6	11.7	8.1	6.7	7.8
CO CARBON MONOXIDE	MG/CIG	9.0	11.3				12.9
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.18				0.17

F I L L E R

ALKALOIDS, TOTAL	%	1.91	1.21	1.21	1.63	1.76	1.62
REDUCING SUGARS	%	10.8	10.6	11.2	11.7	7.4	8.8
NITRATE NITROGEN	%	0.11	0.20	0.16	0.08	0.16	0.21
AMMONIA NITROGEN	%	0.04	0.08	0.08	0.07	0.09	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	843	837	1008	785	741	771
DENSITY AT 12.5 % OV	MG/ML	265	276	280	245	232	253
OV AT EQUILIBRIUM	%	11.9	12.0	12.4	12.3	11.6	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1067	1070	1283	988	955	984
CIG. LENGTH, TOTAL	MM	84	84	99	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	8.02/25.1	8.09/25.4	8.15/25.5	8.00/25.1	7.97/25.0	7.92/24.8
CIG. RTD	MM H2O	96	97	108	96	128	140
CIG. VENTILATION	%	43	31	37	37	17	
FIRMNESS AS IS	MM	2.58	2.83	2.96	2.44	2.26	2.20
OVEN VOLATILES AS IS	%	11.9	12.5	13.5	12.2	12.4	11.9
FIRMNESS AT 12.5 % OV	MM	2.81	2.86	2.56	2.58	2.31	2.46
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	25	30	20	20	22
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	178	190	219	151	165	167
FILTER RTD	MM H2O	74	69	81	68	82	72
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	30	34	24	26	26
TIPPING PAPER TYPE		WHD	WH	WH	ICD	WHD	IC
TIPPING PERFO. TYPE		MLPS	MLPS	MLPS	EPZ	EPZ	
TIPPING,PERFO. LINES	NO.	4	2	2			

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	GALLANT MILD	GOLD COAST	GOLD COAST LIGHTS	GOLD COAST ULTRA LIGHTS	HOPE 100'S MENTHOL	KAMARAN
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	BURRUS CH	REYNOLDS	REYNOLD CH	REYNOLDS	FORTUNE TO	N T M C
	CIGARETTE CODE	GACAC	GORCC	GLYAC	GPAAC	HORAC	KAMAC
	SIZE/NO PER PACK	KS F/20	LS F/20	LS F/20	LS F/20	100 F/20	KS F/20
	SAMPLING CODE	B 00 3	B 00 3	B 00 3	B 00 3	B 00 2	B 00 3

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	7.9	12.4	7.8	2.7	16.1	11.6
DPM DRY. PARTIC. MATTER	MG/CIG	7.3	10.6	7.1	2.5	14.1	10.4
TAR (=TPM-SN-H2O)	MG/CIG	6.8	10.0	6.6	2.3	13.4	9.6
SN SMOKE NICOTINE	MG/CIG	0.49	0.58	0.43	0.18	0.67	0.79
RATIO SN/TAR	%	7.2	5.8	6.6	8.0	5.1	8.2
PUFF COUNT	NO./CIG	7.9	6.8	6.8	7.1	7.1	8.3
CO CARBON MONOXIDE	MG/CIG	6.9	12.3			14.2	
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.27			0.13	

F I L L E R

ALKALOIDS, TOTAL	%	1.54	1.44	1.40	1.45	1.41	1.71
REDUCING SUGARS	%	7.9	7.8	8.1	7.6	9.4	10.9
NITRATE NITROGEN	%	0.20	0.38	0.34	0.37	0.14	0.10
AMMONIA NITROGEN	%	0.10	0.14	0.13	0.12	0.09	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	730	667	662	647	661	829
DENSITY AT 12.5 % OV	MG/ML	239	230	232	225	181	267
OV AT EQUILIBRIUM	%	12.4	12.0	12.2	11.9	11.5	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	942	864	868	854	888	1049
CIG. LENGTH, TOTAL	MM	84	79	79	79	100	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.98/25.0	7.91/24.8	7.95/24.9	7.92/24.8	7.87/24.7
CIG. RTD	MM H2O	93	113	99	97	151	123
CIG. VENTILATION	%	47	14	37	66		16
FIRMNESS AS IS	MM	2.50	2.94	2.94	2.68	2.76	2.33
OVEN VOLATILES AS IS	%	11.9	12.7	12.5	12.0	12.6	12.5
FIRMNESS AT 12.5 % OV	MM	2.78	2.89	2.97	2.89	2.75	2.36
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S		S		S		S
FM FILTER MATERIAL		CA		CA		CA		CA
FILTER LENGTH,TOTAL	MM	22		21		21		25
								20
FILTER-LENGTH PLUG 1	MM							
FILTER-LENGTH PLUG 2	MM							
FILTER-LENGTH PLUG 3	MM							
FA FIL.ADDITIVE TYPE								
FILTER WEIGHT	MG/FIL	164		157		162		164
FILTER RTD	MM H2O	72		85		84		112
								59
FILTER EFFICIENCY	%							
TIPPING LENGTH ON CIG.	MM	26		25		25		30
TIPPING PAPER TYPE		ICD		IC		WHD		WHD
TIPPING PERFO. TYPE		MLPS		EPZ		MLPS		MLPS
TIPPING,PERFO. LINES	NO.	4				3		4

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	KENT KING SIZE	KENT LIGHTS DE LUXE	+L & M	+L & M LIGHTS	+L & M MENTHOL LONGS	LONDON
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	LORILLARD	BROWN+WILAM	RICHMOND	RICHMOND	RICHMOND	ST PAUL'S
	CIGARETTE CODE	KEKHC	KEDDC	LMB16	LMA01	LMM01	LODCC
	SIZE/NE PER PACK	KS F/20	100 F/20	LS F/20	KS F/20	100 F/20	KS F/20
	SAMPLING CODE	B 00 2	B 02 1	B 00 3	B 00 3	B 00 3	B 00 1

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	11.3	6.0	10.2	8.0	9.5	11.8
DPM DRY. PARTIC. MATTER	MG/CIG	10.2	5.7	9.2	7.4	8.7	10.5
TAR (=TPM-SN-H2O)	MG/CIG	9.5	5.3	8.6	6.8	8.1	10.0
SN SMOKE NICOTINE	MG/CIG	0.69	0.40	0.63	0.51	0.62	0.53*
RATIO SN/TAR	%	7.3	7.5	7.4	7.5	7.6	5.4
PUFF COUNT	NO./CIG	8.2	8.6	7.2	6.9	9.3	8.7
CO CARBON MONOXIDE	MG/CIG	9.9	6.1			9.0	
NO NITROGEN MONOXIDE	MG/CIG	0.18	0.13			0.16	

F I L L E R

ALKALOIDS, TOTAL	%	1.78	1.71	1.85	1.79	1.84	1.22*
REDUCING SUGARS	%	6.8	4.8	8.0	7.2	7.2	10.1
NITRATE NITROGEN	%	0.25	0.24	0.23	0.23	0.24	0.11
AMMONIA NITROGEN	%	0.25	0.19	0.25	0.24	0.23	0.07
TOB. WT. AT 12.5 % OV	MG/CIG	772	835	681	640	836	793
DENSITY AT 12.5 % OV	MG/ML	252	236	229	231	234	254
OV AT EQUILIBRIUM	%	12.5	12.0	13.1	12.8	12.6	11.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1002	1123	904	921	1129	1017
CIG. LENGTH, TOTAL	MM	84	99	79	83	99	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.91/24.8	7.95/24.9	7.94/24.9	7.95/24.9	7.89/24.7
CIG. RTD	MM H2O	131	134	110	112	120	148
CIG. VENTILATION	%	34	53	39	40	42	
FIRMNESS AS IS	MM	2.56	2.38	2.62	2.46	2.72	2.11
OVEN VOLATILES AS IS	%	12.0	12.1	11.7	11.5	12.0	11.1
FIRMNESS AT 12.5 % OV	MM	2.77	2.55	2.94	2.86	2.93	2.67
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	27	19	27	27	20
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL. ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	179	227	167	230	233	182
FILTER RTD	MM H2O	94	131	92	107	110	88
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	26	36	24	32	32	24
TIPPING PAPER TYPE	WHDL	WHDL	WHDL	IC	WHDL	WHD	ICD
TIPPING PERFO. TYPE	MSLP	MSLP	MSLP	MLPS	MLPS	MLPS	
TIPPING, PERFO. LINES	NO.	8	10	2	2	2	

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+ PME Brand () Converted values = PME specifications * Comments

2500077892

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO	+MARLBORO KING SIZE	+MARLBORO LIGHTS	+MARLBORO 100'S	+MERIT KING SIZE	+MERIT ULTRA LIGHTS
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	RICHMOND	RICHMOND	RICHMOND	RICHMOND	RICHMOND	RICHMOND
	CIGARETTE CODE	MLF28	MLK36	MLX04	MLH08	MER22	MEZ02
	SIZE/WB PER PACK	LS F/20	KS F/20	KS F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 3	B 00 3	B 00 3	B 00 3	B 00 3	B 00 3
S M O K E							
TPM TOT.PARTIC.MATTER	MG/CIG	9.9	9.1	7.6	9.7	7.5	4.0
DPM DRY.PARTIC.MATTER	MG/CIG	9.0	8.3	6.9	8.9	6.8	3.7
TAR (=TPM-SN-H2O)	MG/CIG	8.4	7.7	6.4	8.3	6.3	3.4
SN SMOKE NICOTINE	MG/CIG	0.61	0.59	0.48	0.61	0.49	0.33
RATIO SN/TAR	%	7.3	7.7	7.5	7.4	7.8	9.6
PUFF COUNT	NO./CIG	7.5	7.8	7.0	8.9	7.1	7.0
CO CARBON MONOXIDE	MG/CIG		8.9				
NO NITROGEN MONOXIDE	MG/CIG		0.15				
F I L L E R							
ALKALOIDS, TOTAL	%	1.82	1.79	1.81	1.79	1.82	1.92
REDUCING SUGARS	%	7.3	8.0	7.5	7.1	6.3	6.2
NITRATE NITROGEN	%	0.24	0.23	0.22	0.23	0.26	0.25
AMMONIA NITROGEN	%	0.23	0.22	0.24	0.22	0.20	0.28
TOB. WT. AT 12.5 % OV	MG/CIG	698	711	661	824	668	606
DENSITY AT 12.5 % OV	MG/ML	235	230	240	231	240	221
OV AT EQUILIBRIUM	%	12.6	12.8	12.5	12.5	12.3	11.9
C I G A R E T T E							
CIG. WEIGHT, TOTAL	MG/CIG	916	946	939	1112	945	878
CIG. LENGTH, TOTAL	MM	79	84	83	99	83	83
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.91/24.8	7.92/24.8	7.94/24.9	7.95/24.9	7.91/24.8
CIG. RTD	MM H2O	115	112	118	127	120	105
CIG. VENTILATION	%	40	42	40	38	38	61
FIRMNESS AS IS	MM	2.50	2.59	2.31	2.78	2.23	2.70
OVEN VOLATILES AS IS	%	11.7	12.2	11.7	12.0	11.8	12.4
FIRMNESS AT 12.5 % OV	MM	2.84	2.72	2.62	3.02	2.54	2.74
CIG. PAP. VENTIL. SYST.							
F I L T E R							
FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	19	21	27	27	27	27
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	169	181	232	231	231	229
FILTER RTD	MM H2O	97	95	110	113	110	122
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	23	25	31	32	32	32
TIPPING PAPER TYPE	IC	IC	IC	WHDL	ICD	ICWHDL	ICWHDL
TIPPING PERFO. TYPE	MLPS	MLPS	MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	2	2	2	2	2	2

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+ PME Brand () Converted values = PME specifications * Comments

2500077893

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	MILD SEVEN CHARCOAL JAPAN MONOP	PLAYER'S GOLD LEAF B.A.T.	REGAL LOW TAR IMPERIAL T	ROTHMANS	ROTHMANS LIGHTS ROTHMANS	SILK CUT EXTRA MILD GALLAHER
SI-SAUDI ARAB	PROD. CENTERS OR MANUFACTURER				ROTHMANS	ROTHMANS	
	CIGARETTE CODE	MISAC	PGLAC	RGLAC	RTKFC	RTYBC	SIJIC
	SIZE/NB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 2	B 00 3	B 00 3	B 00 3	B 00 3	B 00 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.6	12.2	4.5	8.4	5.3	7.4
DPM DRY.PARTIC.MATTER	MG/CIG	8.8	10.6	4.2	7.7	5.0	6.9
TAR (=TPM-SN-H2O)	MG/CIG	8.2	9.9	3.8	7.1	4.5	6.3
SN SMOKE NICOTINE	MG/CIG	0.59	0.77	0.41	0.60	0.45	0.57
RATIO SN/TAR	%	7.3	7.8	10.7	8.5	10.1	9.0
PUFF COUNT	NO./CIG	7.4	7.7	7.5	8.1	6.3	8.0
CO CARBON MONOXIDE	MG/CIG	10.0					
NO NITROGEN MONOXIDE	MG/CIG	0.11					

F I L L E R

ALKALOIDS, TOTAL	%	1.68	1.79	2.18	1.65	2.24	1.88
REDUCING SUGARS	%	8.3	11.3	11.9	11.0	12.2	8.5
NITRATE NITROGEN	%	0.19	0.10	0.10	0.08	0.08	0.12
AMMONIA NITROGEN	%	0.10	0.06	0.04	0.07	0.03	0.09
TOB. WT. AT 12.5 % OV	MG/CIG	689	742	682	780	650	748
DENSITY AT 12.5 % OV	MG/ML	235	236	232	246	212	235
OV AT EQUILIBRIUM	%	12.0	12.3	12.2	12.2	12.0	11.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	955	945	953	980	888	973
CIG. LENGTH, TOTAL	MM	84	84	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.96/24.9	7.91/24.8	7.96/24.9	7.95/24.9	7.94/24.9	7.97/25.0
CIG. RTD	MM H2O	114	131	120	94	133	132
CIG. VENTILATION	%	34	22	47	38	45	40
FIRMNESS AS IS	MM	2.13	2.60	2.17	2.53	2.96	2.26
OVEN VOLATILES AS IS	%	11.1	13.0	12.6	12.2	12.5	12.7
FIRMNESS AT 12.5 % OV	MM	2.72	2.41	2.15	2.68	3.00	2.20
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	20	25	20	22	20
FILTER-LENGTH PLUG 1	MM	15.0					
FILTER-LENGTH PLUG 2	MM	10.0					
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE		AC					
FILTER WEIGHT	MG/FIL	226	146	222	149	188	178
FILTER RTD	MM H2O	81	71	105	67	130	103
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	30	25	31	24	28	25
TIPPING PAPER TYPE	WHD	IC	IC	ICWHD	IC	ICD	ICD
TIPPING PERFO. TYPE	MSLP	MLPM	MLPS	EPZ	EPZ	EPZ	MPS
TIPPING, PERFO. LINES	NO.	7	1	2			1

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	SILK CUT SUPER LOW	SILK CUT ULTRA LOW TAR	VICEROY	VICEROY LIGHTS	+VISA	+VISA LIGHTS
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	GALLAHER	GALLAHER	BRWN+WILAM	BRWN+WILAM	SERRIERES	SERRIERES
	CIGARETTE CODE	SHKAC	SIFEC	VCYBC	VCPAC	VAFO2	VAL02
	SIZE/MB PER PACK	KS F/20	KS F/20	KS F/20	KS F/20	LS F/20	LS F/20
	SAMPLING CODE	B 00 2	B 00 1	B 00 3	B 00 3	A 01 3	A 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	1.3	4.1	8.7	10.9	10.1	5.5
DPM DRY.PARTIC.MATTER	MG/CIG	1.2	3.9	8.0	9.7	9.0	5.1
TAR (=TPM-SN-H2O)	MG/CIG	1.0	3.5*	7.4	9.1	8.4	4.7
SN SMOKE NICOTINE	MG/CIG	0.15	0.37*	0.59	0.64	0.61	0.39
RATIO SN/TAR	%	16.2	10.5	8.0	7.1	7.3	8.2
PUFF COUNT	NO./CIG	9.1	8.0	8.9	7.0	8.0	8.5
CO CARBON MONOXIDE	MG/CIG	2.6	4.4	7.5	10.2	8.2	5.0
NO NITROGEN MONOXIDE	MG/CIG	0.02	0.03	0.14	0.18	0.09	0.07

F I L L E R

ALKALOIDS, TOTAL	%	2.60	2.00	1.81	1.73	1.63	1.67
REDUCING SUGARS	%	10.5	11.0	6.5	5.9	10.2	10.4
NITRATE NITROGEN	%	0.07	0.10	0.25	0.25	0.18	0.17
AMMONIA NITROGEN	%	0.11	0.07	0.24	0.23	0.15	0.15
TOB. WT. AT 12.5 % OV	MG/CIG	695	671	758	664	732	739
DENSITY AT 12.5 % OV	MG/ML	241	233	248	239	246	249
OV AT EQUILIBRIUM	%	12.0	11.8	12.3	12.5	12.9	12.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	968	904	993	929	936	954
CIG. LENGTH, TOTAL	MM	84	84	84	84	80	80
CIG. DIAMETER/CIRCUMFER.	MM	7.89/24.7	7.89/24.7	7.90/24.8	7.92/24.8	7.92/24.8	7.92/24.8
CIG. RTD	MM H2O	49	97*	115	129	113	103
CIG. VENTILATION	%	81	61*	54	31	35	59
FIRMNESS AS IS	MM	2.72	2.02	2.12	2.97	2.85	2.89
OVEN VOLATILES AS IS	%	13.0	12.8	11.1	12.8	12.4	12.3
FIRMNESS AT 12.5 % OV	MM	2.55	1.91	2.70	2.88	2.91	2.98
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	S	S	S	S
FM FILTER MATERIAL		CAP	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	25	21	27	19	19
FILTER-LENGTH PLUG 1	MM	18.0					
FILTER-LENGTH PLUG 2	MM	7.0					
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	230	191	183	219	155	164
FILTER RTD	MM H2O	117	96	98	105	83	100
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	29	29	26	32	23	24
TIPPING PAPER TYPE		ICD	ICD	IC	WHDL	IC	ICD
TIPPING PERFO. TYPE	MPS		MPS	MLPM	MLPM	EPZ	MLPS
TIPPING, PERFO. LINES	NO.	1	3	1	1		4

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	WINSTON KING SIZE
SI SAUDI ARAB	PROD. CENTERS OR MANUFACTURER	REYNOLDS
	CIGARETTE CODE	WIKKC
	SIZE/MS PER PACK	KS F/20
	SAMPLING CODE	B 00 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	11.6
DPM DRY.PARTIC.MATTER	MG/CIG	10.3
TAR (=TPM-SN-H2O)	MG/CIG	9.7

SN SMOKE NICOTINE	MG/CIG	0.60
RATIO SN/TAR	%	6.2
PUFF COUNT	NO./CIG	7.5

CO CARBON MONOXIDE	MG/CIG	
NO NITROGEN MONOXIDE	MG/CIG	

F I L L E R

ALKALOIDS, TOTAL	%	1.41
REDUCING SUGARS	%	6.5
NITRATE NITROGEN	%	0.38

AMMONIA NITROGEN	%	0.16
TOB. WT. AT 12.5 % OV	MG/CIG	708
DENSITY AT 12.5 % OV	MG/ML	229

OV AT EQUILIBRIUM	%	11.8
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C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	926
CIG. LENGTH, TOTAL	MM	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8

CIG. RTD	MM H2O	118
CIG. VENTILATION	%	24
FIRMNESS AS IS	MM	2.40

OVEN VOLATILES AS IS	%	12.2
FIRMNESS AT 12.5 % OV	MM	2.52
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 21

FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM

FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 174
FILTER RTD	MM H2O 85

FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 25
TIPPING PAPER TYPE	IC

TIPPING PERFO. TYPE	EPZ
TIPPING, PERFO. LINES	NO.

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO
SN SENEGAL	PROD. CENTERS OR MANUFACTURER	M T O A
	CIGARETTE CODE	MLF47
	SIZE/MB PER PACK	LS F/20
	SAMPLING CODE	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	18.7
DPM DRY.PARTIC.MATTER	MG/CIG	16.1
TAR (=TPM-SN-H2O)	MG/CIG	15.0
SN SMOKE NICOTINE	MG/CIG	1.06
RATIO SN/TAR	%	7.1
PUFF COUNT	NO./CIG	8.3
CO CARBON MONOXIDE	MG/CIG	13.5
NO NITROGEN MONOXIDE	MG/CIG	0.21

F I L L E R

ALKALOIDS, TOTAL	%	1.85
REDUCING SUGARS	%	7.4
NITRATE NITROGEN	%	0.21
AMMONIA NITROGEN	%	0.23
TOB. WT. AT 12.5 % OV	MG/CIG	774
DENSITY AT 12.5 % OV	MG/ML	262
OV AT EQUILIBRIUM	%	12.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	986
CIG. LENGTH, TOTAL	MM	80
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9
CIG. RTD	MM H2O	100
CIG. VENTILATION	%	14
FIRMNESS AS IS	MM	2.26
OVEN VOLATILES AS IS	%	11.4
FIRMNESS AT 12.5 % OV	MM	2.71
CIG. PAP. VENTIL. SYST.		

F I L T E R

FILTER TYPE	S
FM FILTER MATERIAL	CA
FILTER LENGTH, TOTAL	MM 20
FILTER-LENGTH PLUG 1	MM
FILTER-LENGTH PLUG 2	MM
FILTER-LENGTH PLUG 3	MM
FA FIL.ADDITIVE TYPE	
FILTER WEIGHT	MG/FIL 162
FILTER RTD	MM H2O 66
FILTER EFFICIENCY	%
TIPPING LENGTH ON CIG.	MM 24
TIPPING PAPER TYPE	IC
TIPPING PERFO. TYPE	EPZ
TIPPING, PERFO. LINES	NO.

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SN

+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+CHESTER- FIELD	+CHESTER- FIELD	+CHESTER- FIELD LIGHTS	+CHESTER- FIELD NON FILTER	+LARK	+MARLBORO
ES SPAIN	PROD. CENTERS OR MANUFACTURER	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ
	CIGARETTE CODE	CEB08	CEK08	CEL02	CER08	LAB03	MLF55
	SIZE/MB PER PACK	LS F/20	KS F/20	LS F/20	REG W/20	LS F/20	LS F/20
	SAMPLING CODE	A 00 4	A 00 3	A 01 2	A 00 3	A 00 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.6	18.9	12.7	26.8	19.6	20.5
DPM DRY.PARTIC.MATTER	MG/CIG	14.6	15.7	11.2	23.3	16.2	17.0
TAR (=TPM-SN-H2O)	MG/CIG	13.7	14.7	10.4	21.9	15.2	16.0
SN SMOKE NICOTINE	MG/CIG	0.88	0.98	0.74	1.33	1.02	1.00
RATIO SN/TAR	%	6.4	6.6	7.1	6.1	6.8	6.3
PUFF COUNT	NO./CIG	7.3	8.3	7.7	7.4	7.8	8.1
CO CARBON MONOXIDE	MG/CIG	14.4	14.7	12.6	13.6	14.3	16.3
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.23	0.19	0.18	0.24	0.24

F I L L E R

ALKALOIDS, TOTAL	%	1.75	1.74	1.73	1.72	1.68	1.75
REDUCING SUGARS	%	8.4	8.2	7.5	8.6	7.3	8.3
NITRATE NITROGEN	%	0.23	0.23	0.23	0.21	0.22	0.23
AMMONIA NITROGEN	%	0.17	0.17	0.18	0.19	0.21	0.23
TOB. WT. AT 12.5 % OV	MG/CIG	726	781	729	854	742	747
DENSITY AT 12.5 % OV	MG/ML	250	250	250	248	255	257
OV AT EQUILIBRIUM	%	12.9	12.8	12.6	12.8	12.5	13.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	931	1000	955	908	1053	957
CIG. LENGTH, TOTAL	MM	79	84	79	70	79	79
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.95/24.9	7.93/24.9	7.92/24.8	7.92/24.8	7.92/24.8
CIG. RTD	MM H2O	118	123	131	47	123	125
CIG. VENTILATION	%			19			
FIRMNESS AS IS	MM	2.95	2.99	2.96	2.86	2.33	2.89
OVEN VOLATILES AS IS	%	12.6	13.0	12.5	12.1	11.3	13.0
FIRMNESS AT 12.5 % OV	MM	2.89	2.80	2.97	3.05	2.80	2.69
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	PSP	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM 20	21	20	20	20
FILTER-LENGTH PLUG 1	MM			7.0	
FILTER-LENGTH PLUG 2	MM			7.0	
FILTER-LENGTH PLUG 3	MM				
FA FIL.ADDITIVE TYPE				AC	
FILTER WEIGHT	MG/FIL	153	164	261	157
FILTER RTD	MM H2O	68	71	67	71
FILTER EFFICIENCY	%				
TIPPING LENGTH ON CIG.	MM	24	25	24	24
TIPPING PAPER TYPE	IC	IC	IC	ICD	IC
TIPPING PERFO. TYPE			EPZ		
TIPPING, PERFO. LINES	NO.				

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO	+MARLBORO KING SIZE	+MARLBORO LIGHTS	+MARLBORO LIGHTS	+MERIT
ES SPAIN	PROD. CENTERS OR MANUFACTURER	TABACA LOG	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ	PM ST-CRUZ
	CIGARETTE CODE	MLF62	MLK45	MLL10	MLX18	MEQ05
	SIZE/MS PER PACK	LS F/20	KS F/20	LS F/20	KS F/20	LS F/20
	SAMPLING CODE	A 00 2	A 00 3	A 01 3	A 01 2	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.5	19.9	11.6	11.8	11.1
DPM DRY.PARTIC.MATTER	MG/CIG	14.5	16.8	10.4	10.7	9.9
TAR (=TPM-SN-H2O)	MG/CIG	13.6*	15.7	9.7	10.0	9.2
SN SMOKE NICOTINE	MG/CIG	0.89	1.01	0.70	0.72	0.67
RATIO SN/TAR	%	6.5	6.5	7.2	7.2	7.3
PUFF COUNT	NO./CIG	8.0*	8.5	8.0	8.8	7.2
CO CARBON MONOXIDE	MG/CIG	14.0	15.0	10.6	9.5	11.5
NO NITROGEN MONOXIDE	MG/CIG	0.21	0.23	0.18	0.17	0.21

F I L L E R

ALKALOIDS, TOTAL	%	1.67	1.70	1.79	1.67	1.84
REDUCING SUGARS	%	8.9	8.1	7.7	7.3	6.7
NITRATE NITROGEN	%	0.23	0.21	0.23	0.22	0.28
AMMONIA NITROGEN	%	0.24	0.24	0.24	0.22	0.22
TOB. WT. AT 12.5 % OV	MG/CIG	736	816	754	821	723
DENSITY AT 12.5 % OV	MG/ML	255	262	258	265	247
OV AT EQUILIBRIUM	%	13.5	13.1	13.0	12.9	12.7

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	945	1042	992	1073	967
CIG. LENGTH, TOTAL	MM	79	84	79	84	79
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.94/24.9	7.94/24.9	7.92/24.8	7.95/24.9
CIG. RTD	MM H2O	122	134	132	142	140
CIG. VENTILATION	%	6*		25	26	26
FIRMNESS AS IS	MM	2.88	2.62	3.18	2.60	3.04
OVEN VOLATILES AS IS	%	13.0	12.5	13.1	12.6	12.5
FIRMNESS AT 12.5 % OV	MM	2.69	2.64	2.95	2.57	3.07
CIG. PAP. VENTIL. SYST.						

F I L T E R

FILTER TYPE	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	21	20	21
FILTER-LENGTH PLUG 1	MM				
FILTER-LENGTH PLUG 2	MM				
FILTER-LENGTH PLUG 3	MM				
FA FIL.ADDITIVE TYPE					
FILTER WEIGHT	MG/FIL	153	164	181	190
FILTER RTD	MM H2O	69	73	102	104
FILTER EFFICIENCY	%				
TIPPING LENGTH ON CIG.	MM	24	25	27	31
TIPPING PAPER TYPE	IC	IC	ICWHDL	ICWHDL	ICWHDL
TIPPING PERFO. TYPE	EP2*		MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.		2	2	2

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2500077899

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAPSTAN	555 STATE EXPRESS
MT-SULT.OMAN	PROD. CENTERS OR MANUFACTURER	B.A.T.	B.A.T.
	CIGARETTE CODE	CBBC	STBIC
	SIZE/NB PER PACK	KS F/20	KS F/20
	SAMPLING CODE	B 03 1	B 03 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	12.2	10.8
DPM DRY.PARTIC.MATTER	MG/CIG	11.1	9.8
TAR (=TPM-SN-H2O)	MG/CIG	10.5	9.0
SN SMOKE NICOTINE	MG/CIG	0.67	0.75
RATIO SN/TAR	%	6.4	8.3
PUFF COUNT	NO./CIG	7.8	7.7
CO CARBON MONOXIDE	MG/CIG	8.9	9.2
NO NITROGEN MONOXIDE	MG/CIG	0.11	0.05

F I L L E R

ALKALOIDS, TOTAL	%	1.35	1.81
REDUCING SUGARS	%	6.5	11.1
NITRATE NITROGEN	%	0.19	0.07
AMMONIA NITROGEN	%	0.06	0.04
TOB. WT. AT 12.5 % OV	MG/CIG	755	748
DENSITY AT 12.5 % OV	MG/ML	238	235
OV AT EQUILIBRIUM	%	11.4	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	951	948
CIG. LENGTH, TOTAL	MM	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.95/24.9
CIG. RTD	MM H2O	113	119
CIG. VENTILATION	%	23	35
FIRMNESS AS IS	MM	1.76	1.93
OVEN VOLATILES AS IS	%	11.7	12.1
FIRMNESS AT 12.5 % OV	MM	2.08	2.10
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE		S	S
FM FILTER MATERIAL		CA	CA
FILTER LENGTH,TOTAL	MM	20	20
FILTER-LENGTH PLUG 1	MM		
FILTER-LENGTH PLUG 2	MM		
FILTER-LENGTH PLUG 3	MM		
FA FIL.ADDITIVE TYPE			
FILTER WEIGHT	MG/FIL	157	145
FILTER RTD	MM H2O	75	75
FILTER EFFICIENCY	%		
TIPPING LENGTH ON CIG.	MM	24	25
TIPPING PAPER TYPE		ICD	IC
TIPPING PERFO. TYPE		EPZ	MLPM
TIPPING,PERFO. LINES	NO.		1

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MT

+ PME Brand () Converted values = PME specifications * Comments

2500077900

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BARCLAY	BLEND	BLEND EXTRA	BLEND SUPERLONG	BLEND ULTRA	BLEND ULTRA MENTHOL
SW SWEDEN	PROD. CENTERS OR MANUFACTURER	SWEDISH TO	SWEDISH TO	SWEDISH TO	SWEDISH TO	SWEDISH TO	SWEDISH TO
	CIGARETTE CODE	BAXFC	BLDAC	BLEAC	BLRAC	BLGAC	BLIAC
	SIZE/MS PER PACK	KS F/20	LS F/20	LS F/20	100 F/20	LS F/20	LS F/20
	SAMPLING CODE	B 02 1	B 02 2	B 02 2	B 02 2	B 02 2	B 02 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	5.8	12.0	7.9	11.3	5.2	5.6
DPM DRY.PARTIC.MATTER	MG/CIG	5.4	10.5	7.4	10.2	4.7	5.1
TAR (=TPM-SN-H2O)	MG/CIG	4.9	9.6	6.7	9.4	4.3	4.6
SN SMOKE NICOTINE	MG/CIG	0.52	0.83	0.66	0.88	0.40	0.46
RATIO SN/TAR	%	10.5	8.7	9.9	9.4	9.3	9.9
PUFF COUNT	NO./CIG	7.4	6.5	7.1	7.0	7.3	7.4
CO CARBON MONOXIDE	MG/CIG	6.3	8.0	5.7	7.5	3.6	4.5
NO NITROGEN MONOXIDE	MG/CIG	0.09	0.07	0.07	0.09	0.04	0.05

F I L L E R

ALKALOIDS, TOTAL	%	2.62	2.29	2.19	2.39	2.18	2.18
REDUCING SUGARS	%	7.5	8.7	8.7	8.8	8.1	9.3
NITRATE NITROGEN	%	0.17	0.17	0.17	0.13	0.15	0.15
AMMONIA NITROGEN	%	0.11	0.11	0.10	0.10	0.10	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	581	580	578	652	581	579
DENSITY AT 12.5 % OV	MG/ML	208	234	234	225	236	237
OV AT EQUILIBRIUM	%	11.4	12.4	12.4	11.9	13.7	13.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	873	762	762	841	780	774
CIG. LENGTH, TOTAL	MM	84	80	80	90	80	80
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	7.25/22.7	7.24/22.7	7.27/22.8	7.23/22.7	7.20/22.6
CIG. RTD	MM H2O	32	107	89	110	109	108
CIG. VENTILATION	%	83	26	50	34	61	58
FIRMNESS AS IS	MM	2.08	2.80	2.94	2.64	3.36	3.05
OVEN VOLATILES AS IS	%	11.0	13.0	12.5	11.6	13.3	12.9
FIRMNESS AT 12.5 % OV	MM	2.69	2.59	2.96	2.99	3.04	2.89
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	FFS	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	27	20	20	20	20
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	253	137	141	142	145
FILTER RTD	MM H2O	123	68	75	75	105
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	24	24	24	24
TIPPING PAPER TYPE	ICWHD	ICD	ICD	ICD	ICD	WHD
TIPPING PERFO. TYPE	MPS	MLPM	MLPM	MLPM	MLPM	MLPM
TIPPING, PERFO. LINES	NO.	3	1	1	1	1

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+ PME Brand () Converted values = PME specifications * Comments

2500077901

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BLEND ULTIMA	+BOND	+BOND MILD	+BOND ULTRA MILD MENTHOL	+BOND ULTRA MILD	CAMEL
SW SWEDEN	PROD. CENTERS OR MANUFACTURER	SWEDISH TO	ONNENS	ONNENS	ONNENS	ONNENS	REYNOLD CH
	CIGARETTE CODE	BLKAC	BDR01	BDY01	BDN01	BDU01	CABKC
	SIZE/MB PER PACK	LS F/20	LS F/20	LS F/20	LS F/20	LS F/20	LS F/20
	SAMPLING CODE	B 02 2	A 00 2	A 01 2	A 01 2	A 02 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	1.7	15.7	13.7	2.0	1.8	16.4
DPM DRY.PARTIC.MATTER	MG/CIG	1.5	13.2	11.9	1.9	1.6	14.6
TAR (=TPM-SN-H2O)	MG/CIG	1.3	12.3	11.0	1.7	1.4	13.5
SN SMOKE NICOTINE	MG/CIG	0.16	0.94	0.88	0.19	0.17	1.12
RATIO SN/TAR	%	12.3	7.7	8.0	11.6	12.2	8.3
PUFF COUNT	NO./CIG	7.0	7.4	7.6	7.9	7.7	7.9
CO CARBON MONOXIDE	MG/CIG	1.5	10.2	10.4	1.5	1.2	10.7
NO NITROGEN MONOXIDE	MG/CIG	0.02	0.13	0.12	* 0.03	0.03	0.18

F I L L E R

ALKALOIDS, TOTAL	%	2.06	2.02	2.08	2.04	2.08	2.06
REDUCING SUGARS	%	9.6	10.7	11.4	10.8	10.5	8.4
NITRATE NITROGEN	%	0.16	0.17	0.17	0.18	0.18	0.25
AMMONIA NITROGEN	%	0.09	0.11	0.12	0.11	0.11	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	602	629	622	624	626	642
DENSITY AT 12.5 % OV	MG/ML	242	256	252	254	253	219
OV AT EQUILIBRIUM	%	12.9	13.4	13.4	13.4	13.7	11.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	801	827	820	835	838	827
CIG. LENGTH, TOTAL	MM	80	80	80	80	80	79
CIG. DIAMETER/CIRCUMFER.	MM	7.26/22.7	7.23/22.7	7.23/22.7	7.23/22.7	7.24/22.7	7.89/24.7
CIG. RTD	MM H2O	108	144	130	89	88	83
CIG. VENTILATION	%	79	13	24	81	81	33
FIRMNESS AS IS	MM	2.95	2.97	2.85	2.76	2.99	3.04
OVEN VOLATILES AS IS	%	12.5	13.0	13.0	12.7	12.8	12.7
FIRMNESS AT 12.5 % OV	MM	2.97	2.78	2.68	2.70	2.89	2.97
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	20	20	20	20	20	19
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	145	147	148	150	151	145
FILTER RTD	MM H2O	125	82	82	108	105	46
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	29	24	24	32	32	23
TIPPING PAPER TYPE		ICWHDL	ICD	ICD	WHDL	ICWHDL	IC
TIPPING PERFO. TYPE		MPS/MPLM	EPZ	EPZ	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4			5	5	2

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+ PME Brand () Converted values = PME specifications * Comments

2500077902

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAMEL EXTRA LIGHTS REYNOLDS	CAMEL LIGHTS REYNOLD CH	+CHECKER MENTHOL OWNERS	+CHESTER- FIELD NON FILTER ATO HYRYLA	+MARLBORO SERRIERES	+MARLBORO KING SIZE SERRIERES
SW SWEDEN	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	CCHBC	CACEC	CRM02	CEK04	MLE01	MLK15
	SIZE/MB PER PACK	LS F/20	LS F/20	LS F/20	KS N/20	LS F/20	KS F/20
	SAMPLING CODE	B 02 1	B 02 2	A 02 2	A 00 3	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	7.7	12.0	16.0	21.0	18.6	18.2
DPM DRY.PARTIC.MATTER	MG/CIG	7.0	10.5	13.3	18.7	15.5	15.4
TAR (=TPM-SM-H2O)	MG/CIG	6.5	9.7	12.4	17.5	14.4	14.5
SN SMOKE NICOTINE	MG/CIG	0.58	0.77	0.94	1.21	1.04	0.93
RATIO SN/TAR	%	9.0	7.9	7.6	6.9	7.3	6.4
PUFF COUNT	NO./CIG	6.9	7.0	7.5	9.7	7.8	8.3
CO CARBON MONOXIDE	MG/CIG	7.0	8.6	11.1	10.0	14.6	14.1
NO NITROGEN MONOXIDE	MG/CIG	0.13	0.15	0.11	0.16	0.17	0.19

F I L L E R

ALKALOIDS, TOTAL	%	2.13	2.02	2.08	1.79	2.00	1.79
REDUCING SUGARS	%	7.8	8.4	12.3	8.9	10.4	7.5
NITRATE NITROGEN	%	0.24	0.25	0.17	0.21	0.18	0.21
AMMONIA NITROGEN	%	0.12	0.11	0.11	0.23	0.11	0.26
TOB. WT. AT 12.5 % OV	MG/CIG	589	606	639	1045	659	756
DENSITY AT 12.5 % OV	MG/ML	209	205	260	250	226	243
OV AT EQUILIBRIUM	%	11.9	12.2	13.4	13.2	13.3	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	812	801	837	1115	847	977
CIG. LENGTH, TOTAL	MM	79	79	80	84	79	84
CIG. DIAMETER/CIRCUMFER.	MM	7.87/24.7	7.92/24.8	7.22/22.6	7.95/24.9	7.88/24.7	7.93/24.9
CIG. RTD	MM H2O	122	87	136	58	110	111
CIG. VENTILATION	%	35	33	13	14	18	14
FIRMNESS AS IS	MM	3.08	2.84	2.86	2.73	2.93	2.77
OVEN VOLATILES AS IS	%	13.3	13.9	12.6	11.5	12.5	12.5
FIRMNESS AT 12.5 % OV	MM	2.78	2.27	2.81	3.11	2.96	2.78
CIG. PAP. VENTIL. SYST.					EP		

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	19	20	19	21
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	177	136	146	135	162
FILTER RTD	MM H2O	101	54	77	63	68
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	23	24	23	25
TIPPING PAPER TYPE	ICD	IC	WHD	IC	IC	IC
TIPPING PERFO. TYPE	MLPS	MLPS	EPZ	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.	4	2			

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO LIGHTS	+MARLBORO MENTHOL LIGHTS	+MARLBORO 100'S	+MERIT	+PHILIP MORRIS LIGHTS	+PHILIP MORRIS MULTIFILT.
SW SWEDEN	PROD. CENTERS OR MANUFACTURER	SERRIERES	SERRIERES	SERRIERES	SERRIERES	SERRIERES	SERRIERES
	CIGARETTE CODE	MLY04	MLI03	MLH04	MER13	PHL03	PHM04
	SIZE/NB PER PACK	KS F/20	KS F/20	100 F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 01 2	A 00 2	A 00 4	A 02 2	A 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	12.2	12.0	17.5	7.8	8.3	15.3
DPM DRY.PARTIC.MATTER	MG/CIG	10.8	10.8	15.6	7.1	7.5	13.2
TAR (=TPM-SN-H2O)	MG/CIG	10.2	10.0	14.6*	6.6	6.9	12.3
SN SMOKE NICOTINE	MG/CIG	0.70	0.77	1.01*	0.50	0.56	0.87
RATIO SN/TAR	%	6.9	7.7	7.0	7.7	8.0	7.1
PUFF COUNT	NO./CIG	7.6	7.7	9.4	7.6	7.1	7.5
CO CARBON MONOXIDE	MG/CIG	11.1	10.9	14.9*	8.9	7.1	14.9
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.14	0.19	0.15	0.10	0.11

F I L L E R

ALKALOIDS, TOTAL	%	1.77	2.04	1.79	1.90	1.99	1.71
REDUCING SUGARS	%	7.7	10.4	8.5	7.2	8.8	10.2
NITRATE NITROGEN	%	0.21	0.18	0.20	0.26	0.18	0.13
AMMONIA NITROGEN	%	0.26	0.11	0.26	0.18	0.17	0.08
TOB. WT. AT 12.5 % OV	MG/CIG	687	635	834	677	588	710
DENSITY AT 12.5 % OV	MG/ML	249	232	241	246	214	229
OV AT EQUILIBRIUM	%	13.3	13.0	13.4	13.5	13.0	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	935	874	1110	960	827	1003
CIG. LENGTH, TOTAL	MM	84	84	99	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.88/24.7	7.88/24.7	7.91/24.8	7.91/24.8	7.92/24.8
CIG. RTD	MM H2O	114	114	112*	123	90	135
CIG. VENTILATION	%	22	29	19*	37	43	
FIRMNESS AS IS	MM	2.61	2.77	3.14	2.78	2.71	2.85
OVEN VOLATILES AS IS	%	12.7	12.6	12.7	12.8	12.1	12.0
FIRMNESS AT 12.5 % OV	MM	2.56	2.76	3.09	2.70	2.89	3.06
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	D
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	28	28	28	28	21
FILTER-LENGTH PLUG 1	MM						10.0
FILTER-LENGTH PLUG 2	MM						11.0
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							AC
FILTER WEIGHT	MG/FIL	193	191	211	228	189	242
FILTER RTD	MM H2O	84	84	74	116	82	77
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	32	32	32	32	25
TIPPING PAPER TYPE		ICWHDL	WHDL	ICD	ICWHDL	ICWHDL	WHGRD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	EPZ	EPZ	
TIPPING, PERFO. LINES	NO.						

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+ PME Brand () Converted values = PME specifications * Comments

2500077904

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	PRINCE	PRINCE	PRINCE EXTRA LIGHTS	PRINCE LIGHTS	PRINCE LIGHTS
SW SWEDEN	PROD. CENTERS OR MANUFACTURER	SWEDISH TO	SWEDISH TO	SWEDISH TO	SWEDISH TO	SWEDISH TO
	CIGARETTE CODE	PCBBC	PCFBC	PCRAC	PCGAC	PCRAC
	SIZE/NB PER PACK	LS F/20	KS F/20	LS F/20	KS F/20	LS F/20
	SAMPLING CODE	B 02 2	B 02 2	B 02 1	B 02 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	19.6	23.5	9.0	14.6	13.8
DPM DRY.PARTIC.MATTER	MG/CIG	16.1	19.1	8.3	12.9	12.1
TAR (*TPM-SM-H2O)	MG/CIG	14.9	17.8	7.6	11.9	11.1
SN SMOKE NICOTINE	MG/CIG	1.21	1.32	0.72	1.03	0.99
RATIO SN/TAR	%	8.2	7.4	9.5	8.6	9.0
PUFF COUNT	NO./CIG	7.0	8.3	7.6	8.7	7.6
CO CARBON MONOXIDE	MG/CIG	13.1	14.1	6.9	10.1	10.5
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.18	0.09	0.12	0.13

F I L L E R

ALKALOIDS, TOTAL	%	2.33	2.13	2.42	2.16	2.37
REDUCING SUGARS	%	7.3	7.4	7.1	8.3	7.6
NITRATE NITROGEN	%	0.16	0.20	0.17	0.16	0.16
AMMONIA NITROGEN	%	0.10	0.10	0.11	0.10	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	646	779	647	764	628
DENSITY AT 12.5 % OV	MG/ML	219	241	220	236	211
OV AT EQUILIBRIUM	%	12.3	13.2	12.3	12.7	12.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	839	988	842	995	829
CIG. LENGTH, TOTAL	MM	80	84	80	84	80
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	8.02/25.1	7.90/24.8	8.02/25.1	7.95/24.9
CIG. RTD	MM H2O	108	106	105	104	99
CIG. VENTILATION	%			39	27	26
FIRMNESS AS IS	MM	2.61	3.14	2.55	2.76	2.68
OVEN VOLATILES AS IS	%	11.6	12.7	11.7	12.0	11.5
FIRMNESS AT 12.5 % OV	MM	2.98	3.08	2.86	2.95	3.08
CIG. PAP. VENTIL. SYST.						

F I L T E R

FILTER TYPE		S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	20	20	20	20	20
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	149	154	150	179	154
FILTER RTD	MM H2O	64	53	91	74	73
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	24	24	24	24	24
TIPPING PAPER TYPE		IC	IC	IC	IC	IC
TIPPING PERFO. TYPE				EPZ	EPZ	EPZ
TIPPING,PERFO. LINES	NO.					

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SW

+ PME Brand () Converted values = PME specifications * Comments

2500077905

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+ARLETTE	BARCLAY	BARCLAY ULTRA LIGHTS	BARCLAY 100'S	+BRUNETTE	+BRUNETTE
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	SERRIERES	BAT	CH BAT	CH BAT	CH SERRIERES	ONNENS
	CIGARETTE CODE	ALF01	BAXBC	BBNAC	BBAAC	BRF02	BRP01
	SIZE/NO PER PACK	LS F/20	KS F/20	KS F/20	100 F/20	LS F/20	LS N/20
	SAMPLING CODE	A 00 2	B 01 1	B 03 1	B 01 1	A 00 2	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	19.4	5.1	2.7	6.3	20.4	20.1
DPM DRY.PARTIC.MATTER	MG/CIG	15.1	4.7	2.5	5.8	17.3	18.1
TAR (=TPM-SN-H2O)	MG/CIG	14.4	4.3	2.3	5.3	16.2	17.0
SN SMOKE NICOTINE	MG/CIG	0.68	0.40	0.21	0.51	1.06	1.12
RATIO SN/TAR	%	4.7	9.3	9.4	9.6	6.5	6.6
PUFF COUNT	NO./CIG	6.4	6.8	7.2	8.5	6.8	6.8
CO CARBON MONOXIDE	MG/CIG	16.3	5.1	2.8	7.4	13.1	9.5
NO NITROGEN MONOXIDE	MG/CIG	0.26	0.07	0.04	0.10	0.15	0.12

F I L L E R

ALKALOIDS, TOTAL	%	1.41	2.19	1.96	2.16	1.67	1.62
REDUCING SUGARS	%	4.7	5.7	8.4	6.1	6.3	5.7
NITRATE NITROGEN	%	0.30	0.19	0.16	0.20	0.21	0.23
AMMONIA NITROGEN	%	0.21	0.12	0.11	0.13	0.14	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	597	575	624	737	639	841
DENSITY AT 12.5 % OV	MG/ML	201	205	222	206	217	217
OV AT EQUILIBRIUM	%	12.1	11.8	12.6	11.7	11.5	11.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	845	898	923	1069	819	885
CIG. LENGTH, TOTAL	MM	79	84	84	99	79	79
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.91/24.8	7.93/24.9	7.95/24.9	7.90/24.8	7.91/24.8
CIG. RTD	MM H2O	147	31	84	35	89	63
CIG. VENTILATION	%		83	70	83	8	
FIRMNESS AS IS	MM	2.13	2.60	3.12	3.05	1.82	1.99
OVEN VOLATILES AS IS	%	10.4	11.6	12.3	12.2	10.1	10.1
FIRMNESS AT 12.5 % OV	MM	2.98	2.97	3.22	3.17	2.78	2.98
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		SWR		FFS		D		FFS		S
FM FILTER MATERIAL		CA		CA		CA		CA		CA
FILTER LENGTH, TOTAL	MM	19		27		27		27		19
FILTER-LENGTH PLUG 1	MM	16.0				14.0				
FILTER-LENGTH PLUG 2	MM					13.0				
FILTER-LENGTH PLUG 3	MM									
FA FIL.ADDITIVE TYPE										
FILTER WEIGHT	MG/FIL	207		278		251		278		140
FILTER RTD	MM H2O	86		128		127		134		38
FILTER EFFICIENCY	%									
TIPPING LENGTH ON CIG.	MM	24		32		32		32		23
TIPPING PAPER TYPE		WH		ICWHDL		ICWHDL		ICWHDL		IC
TIPPING PERFO. TYPE				MLPS		MLPM		MLPS		EPZ
TIPPING,PERFO. LINES	NO.			3		1		3		

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077906

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+BRUNETTE DOUBLE FILTRE SERRIERES	+BRUNETTE DOUCE ONNENS	+BRUNETTE EXTRA SERRIERES	+BRUNETTE ULTRA ONNENS	CAMEL REYNOLD CH	CAMEL LIGHTS REYNOLD CH
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	BRD01	BRM01	BRE01	BRU01	CAKBC	CACAC
	SIZE/NB PER PACK	LS F/20	LS F/20	LS F/20	LS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 4	A 01 2	A 00 3	A 00 3	B 00 3	B 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.1	10.6	7.0	2.2	18.2	6.0
DPM DRY.PARTIC.MATTER	MG/CIG	14.6	9.9	6.5	2.1	15.3	5.6
TAR (=TPM-SN-H2O)	MG/CIG	13.6	9.2	6.1	1.8	14.3	5.2
SN SMOKE NICOTINE	MG/CIG	0.99	0.71	0.50	0.22	1.00	0.43
RATIO SN/TAR	%	7.3	7.7	8.2	12.2	7.0	8.3
PUFF COUNT	NO./CIG	8.2	8.6	7.8	7.8	7.4	7.9
CO CARBON MONOXIDE	MG/CIG	12.5	7.9	7.3	1.9	13.4	4.5
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.13	0.11	0.03	0.21	0.08

F I L L E R

ALKALOIDS, TOTAL	%	1.63	1.64	1.65	1.64	1.91	1.92
REDUCING SUGARS	%	6.5	6.6	6.0	6.7	9.8	8.7
NITRATE NITROGEN	%	0.22	0.21	0.21	0.22	0.26	0.21
AMMONIA NITROGEN	%	0.15	0.15	0.14	0.14	0.11	0.10
TOB. WT. AT 12.5 % OV	MG/CIG	657	639	639	607	736	681
DENSITY AT 12.5 % OV	MG/ML	222	217	216	228	236	233
OV AT EQUILIBRIUM	%	11.5	11.5	11.4	11.5	12.4	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	907	829	925	909	940	931
CIG. LENGTH, TOTAL	MM	79	79	79	79	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.91/24.8	7.92/24.8	7.92/24.8	7.95/24.9	7.94/24.9
CIG. RTD	MM H2O	113	96	99	78	104	106
CIG. VENTILATION	%	25	48	46	75		51
FIRMNESS AS IS	MM	1.75	2.59	2.03	1.61	3.28	2.92
OVEN VOLATILES AS IS	%	10.3	11.7	10.6	10.2	12.9	12.3
FIRMNESS AT 12.5 % OV	MM	2.63	2.93	2.79	2.53	3.13	3.02
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	PSP	D	S	S
FM FILTER MATERIAL		CA	CA	CAP	CA	CA	CA
FILTER LENGTH, TOTAL	MM	19	19	19	25	21	25
FILTER-LENGTH PLUG 1	MM	10.0		7.0	12.0		
FILTER-LENGTH PLUG 2	MM	9.0		7.0	13.0		
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE		AC		ACPG	AC		
FILTER WEIGHT	MG/FIL	216	155	247	267	151	200
FILTER RTD	MM H2O	71	80	90	88	64	108
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	23	24	24	29	25	30
TIPPING PAPER TYPE	IC	IC	IC	ICD	ICWHD	IC	ICD
TIPPING PERFO. TYPE	EPZ	EPZ	MLPS	EPZ	MLPS		EPZ
TIPPING,PERFO. LINES	NO.		3		6		

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CH

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	CAMEL 100'S	CAMEL MILD	+CHAMPION	+CHESTER- FIELD	+CHESTER- FIELD LIGHTS	+DIANA
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	REYNOLD CH	REYNOLD CH	ONNENS	SERRIERES	SERRIERES	SERRIERES
	CIGARETTE CODE	BYDBC	CAHBC	CHF01	CEG14	CEN01	DIK04
	SIZE/MB PER PACK	100 F/20	KS F/20	LS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 2	B 00 2	A 00 1	A 00 3	A 00 3	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	19.2	12.2	15.8	15.6	8.7	17.4
DPM DRY.PARTIC.MATTER	MG/CIG	17.5	11.0	13.2	13.6	8.1	14.8
TAR (=TPM-SN-H2O)	MG/CIG	16.2	10.2	12.1*	12.7	7.5	13.9
SN SMOKE NICOTINE	MG/CIG	1.31	0.79	1.02*	0.88	0.57	0.88
RATIO SN/TAR	%	8.1	7.7	8.4	6.9	7.8	6.4
PUFF COUNT	NO./CIG	9.2	7.9	7.3*	8.3	7.8	7.3
CO CARBON MONOXIDE	MG/CIG	13.6	10.4	13.2	11.4	8.8	15.2
NO NITROGEN MONOXIDE	MG/CIG	0.18	0.11	0.07	0.14	0.11	0.12

F I L L E R

ALKALOIDS, TOTAL	%	2.01	2.00	1.98*	1.85	1.87	1.68
REDUCING SUGARS	%	8.7	8.7	13.9	9.1	8.1	11.4
NITRATE NITROGEN	%	0.22	0.18	0.10	0.20	0.19	0.14
AMMONIA NITROGEN	%	0.12	0.10	0.04	0.18	0.19	0.08
TOB. WT. AT 12.5 % OV	MG/CIG	878	743	724*	764	684	700
DENSITY AT 12.5 % OV	MG/ML	235	241	242*	247	249	225
OV AT EQUILIBRIUM	%	12.1	12.6	12.5	13.6	13.3	12.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1143	959	930	989	955	912
CIG. LENGTH, TOTAL	MM	100	84	80	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.96/24.9	7.89/24.7	7.90/24.8	7.91/24.8	7.92/24.8	7.93/24.9
CIG. RTD	MM H2O	104	117	132	107	109	124
CIG. VENTILATION	%	18	29		23	37	
FIRMNESS AS IS	MM	3.35	3.28	2.63	2.89	2.56	3.01
OVEN VOLATILES AS IS	%	13.2	13.2	11.4	12.4	12.3	12.2
FIRMNESS AT 12.5 % OV	MM	3.08	3.01	3.07	2.92	2.64	3.15
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	S	S	S
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	25	21	19	21	28
FILTER-LENGTH PLUG 1	MM					
FILTER-LENGTH PLUG 2	MM					
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	208	164	157	164	217
FILTER RTD	MM H2O	69	95	81	69	94
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	30	25	24	25	32
TIPPING PAPER TYPE	ICD	IC	IC	IC	IC	IC
TIPPING PERFO. TYPE	EP2	MLPS		EP2	EP2	
TIPPING, PERFO. LINES	NO.	3				

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077908

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	DUNHILL INTERNAT.	+EVE 100'S	+EVE 120'S	+FLINT	+FLINT ULTRA	+FLINT NO.3
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	SULLANA	RICHMOND	RICHMOND	SERRIERES	ONNENS	ONNENS
	CIGARETTE CODE	DHVC	EVR01	EVL03	FLI02	FLU02	FLT02
	SIZE/NB PER PACK	100 F/20	100 F/20	120 F/20	LS F/20	LS F/20	LS F/20
	SAMPLING CODE	B 02 2	B 02 2	B 01 2	A 02 2	A 02 2	A 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	14.3	16.7	16.0	6.8	1.5	2.6
DPM DRY.PARTIC.MATTER	MG/CIG	13.5	15.1	14.7	6.2	1.3	2.5
TAR (=TPM-SN-H2O)	MG/CIG	12.3	14.1	13.7	5.7	1.2	2.3
SN SMOKE NICOTINE	MG/CIG	1.14	0.99	0.99	0.43	0.12	0.23
RATIO SN/TAR	%	9.2	7.1	7.2	7.5	10.3	10.2
PUFF COUNT	NO./CIG	9.8	9.6	11.4	6.8	6.8	6.1
CO CARBON MONOXIDE	MG/CIG	10.2	11.9	11.5	8.0	1.9	2.4
NO NITROGEN MONOXIDE	MG/CIG	0.05	0.21	0.22	0.13	0.03	0.04

F I L L E R

ALKALOIDS, TOTAL	%	1.88	1.93	1.84	1.61	1.67	1.66
REDUCING SUGARS	%	13.5	7.8	8.0	6.6	5.1	5.4
NITRATE NITROGEN	%	0.07	0.24	0.23	0.25	0.25	0.27
AMMONIA NITROGEN	%	0.06	0.30	0.26	0.21	0.21	0.20
TOB. WT. AT 12.5 % OV	MG/CIG	861	895	924	573	521	512
DENSITY AT 12.5 % OV	MG/ML	248	245	241	194	196	194
OV AT EQUILIBRIUM	%	12.2	12.6	12.7	11.5	11.8	11.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1102	1164	1208	851	772	815
CIG. LENGTH, TOTAL	MM	94	99	120	79	79	79
CIG. DIAMETER/CIRCUMFER.	MM	8.01/25.1	8.03/25.2	7.41/23.2	7.92/24.8	7.92/24.8	7.89/24.7
CIG. RTD	MM H2O	94	94	136	103	88	80
CIG. VENTILATION	%	35	26	27	41	74	71
FIRMNESS AS IS	MM	3.29	3.00	2.43	2.03	1.97	1.87
OVEN VOLATILES AS IS	%	12.5	12.9	12.4	9.5	9.8	9.2
FIRMNESS AT 12.5 % OV	MM	3.30	2.83	2.49	3.24	3.06	3.21
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	S	S	PSP	S	D
FM FILTER MATERIAL	CA	CA	CA	CAP	CA	CA
FILTER LENGTH, TOTAL	MM	25	27	19	25	25
FILTER-LENGTH PLUG 1	MM			8.0		13.0
FILTER-LENGTH PLUG 2	MM			7.0		12.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE				ACPG		AC
FILTER WEIGHT	MG/FIL	189	208	238	212	266
FILTER RTD	MM H2O	62	64	87	118	86
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	29	32	36	24	29
TIPPING PAPER TYPE	ICD	WHD	WHD	WHDL	WHDL	WHDL
TIPPING PERFO. TYPE	EPZ	MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	2	2	4	6	6

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077909

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	GAULOISES BLONDES LEGERES	GAULOISES BLONDES RINSOZ & O	GAULOISES BLEU NON FILTRE RINSOZ & O	GAULOISES JAUNE RINSOZ & O	+L & M FULL FLAVOR SERRIERES	+LARK MUNICH
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	GAZEC	GBACC	GBSCC	GJFAC	LW001	LAG01
	SIZE/MB PER PACK	KS F/20	KS F/20	REG M/20	REG F/20	KS F/20	KS F/20
	SAMPLING CODE	B 02 2	B 02 2	B 01 2	A 01 2	A 00 2	A 01 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.7	15.8	19.3	12.8	18.8	16.1
DPM DRY.PARTIC.MATTER	MG/CIG	8.8	13.7	17.5	11.1	16.1	13.5
TAR (=TPM-SN-H2O)	MG/CIG	8.1	12.9	16.3	10.4	14.9	12.6
SN SMOKE NICOTINE	MG/CIG	0.66	0.81	1.22	0.66	1.09	0.94
RATIO SN/TAR	%	8.1	6.3	7.5	6.4	7.3	7.5
PUFF COUNT	NO./CIG	8.1	7.3	6.2	6.5	8.6	8.9
CO CARBON MONOXIDE	MG/CIG	8.4	13.7	12.0	14.4	15.0	12.9
NO NITROGEN MONOXIDE	MG/CIG	0.12	0.19	0.38	0.42	0.17	0.20

F I L L E R

ALKALOIDS, TOTAL	%	1.79	1.73	1.72	1.71	1.90	1.89
REDUCING SUGARS	%	8.3	7.9	1.6	2.0	7.5	
NITRATE NITROGEN	%	0.22	0.22	0.51	0.43	0.19	0.20
AMMONIA NITROGEN	%	0.11	0.10	0.43	0.32	0.19	0.28
TOB. WT. AT 12.5 % OV	MG/CIG	789	789	905	735	791	
DENSITY AT 12.5 % OV	MG/NL	252	251	228	228	253	
OV AT EQUILIBRIUM	%	12.5	12.3	11.2	11.4	13.1	13.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1025	1022	943	925	1002	
CIG. LENGTH, TOTAL	MM	84	84	70	70	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.96/24.9	7.97/25.0	8.50/26.6	8.48/26.6	7.95/24.9	
CIG. RTD	MM H2O	94	135	43	117	108	109
CIG. VENTILATION	%	44				15	18
FIRMNESS AS IS	MM	3.12	2.96	2.04	1.73	2.99	
OVEN VOLATILES AS IS	%	13.2	13.1	10.0	9.8	12.4	
FIRMNESS AT 12.5 % OV	MM	2.86	2.71	3.04	2.83	3.03	
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	PSP
FM FILTER MATERIAL		CA	CA	P	CA	CA
FILTER LENGTH,TOTAL	MM	21	21	13	21	21
FILTER-LENGTH PLUG 1	MM					7.0
FILTER-LENGTH PLUG 2	MM					8.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						AC
FILTER WEIGHT	MG/FIL	184	183	152	156	269
FILTER RTD	MM H2O	73	72	72	63	78
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	25	17	25	25
TIPPING PAPER TYPE		IC	IC	WHD	IC	ICD
TIPPING PERFO. TYPE		MLPM			EPZ	EPZ
TIPPING,PERFO. LINES	NO.	1				

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077910

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	LUCKY STRIKE	LUCKY STRIKE MILD	+MARLBORO KING SIZE	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO MENTHOL LIGHTS
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	BAT	CH BAT	CH	SERRIERES	SERRIERES	SERRIERES
	CIGARETTE CODE	LSBEC	LSMAC	MLK15	MHX13	MLX30	MLI02
	SIZE/MB PER PACK	KS F/20	KS F/20	KS F/20	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 01 2	B 01 2	A 00 4	A 00 4	A 00 4	A 00 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	16.2	10.1	18.2	10.5	9.8	7.5
DPM DRY.PARTIC.MATTER	MG/CIG	14.2	9.1	15.4	9.6	8.9	6.8
TAR (=TPM-SN-H2O)	MG/CIG	13.2	8.4	14.5	8.9	8.3	6.3
SN SMOKE NICOTINE	MG/CIG	1.01	0.72	0.93	0.68	0.62	0.50
RATIO SN/TAR	%	7.7	8.5	6.4	7.7	7.5	8.0
PUFF COUNT	NO./CIG	8.3	7.7	8.3	9.6	7.9	7.5
CO CARBON MONOXIDE	MG/CIG	12.0	8.4	14.1	9.3	9.7	8.6
NO NITROGEN MONOXIDE	MG/CIG	0.20	0.14	0.19	0.14	0.14	0.11

F I L L E R

ALKALOIDS, TOTAL	%	2.15	2.16	1.79	1.74	1.78	1.92
REDUCING SUGARS	%	6.7	6.5	7.5	7.6	7.6	8.6
NITRATE NITROGEN	%	0.23	0.25	0.21	0.20	0.21	0.20
AMMONIA NITROGEN	%	0.26	0.26	0.26	0.26	0.26	0.16
TOB. WT. AT 12.5 % OV	MG/CIG	770	689	756	828	677	650
DENSITY AT 12.5 % OV	MG/ML	247	245	243	239	246	235
OV AT EQUILIBRIUM	%	12.9	12.7	13.5	13.3	13.5	13.1

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	988	948	977	1108	948	930
CIG. LENGTH, TOTAL	MM	84	84	84	99	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.94/24.9	7.93/24.9	7.93/24.9	7.88/24.7	7.92/24.8	7.92/24.8
CIG. RTD	MM H2O	116	107	111	113	111	127
CIG. VENTILATION	%	20	37	14	35	36	40
FIRMNESS AS IS	MM	2.71	2.75	2.77	2.99	2.74	2.52
OVEN VOLATILES AS IS	%	12.6	12.7	12.5	12.6	12.5	12.4
FIRMNESS AT 12.5 % OV	MM	2.67	2.69	2.78	2.94	2.75	2.57
CIG. PAP. VENTIL. SYST.					EP		

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	27	21	28	28	28
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	165	212	162	214	215	226
FILTER RTD	MM H2O	70	88	68	99	99	117
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	31	25	32	32	32
TIPPING PAPER TYPE	IC	IC	ICD	IC	ICWHDL	ICWHDL	WHDL
TIPPING PERFO. TYPE	MLPM	MLPM	MLPM	EP2	EP2	EP2	MLPS
TIPPING, PERFO. LINES	NO.	1	1				4

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CH

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO 100'S	MAROCAINE AROMA MILD BAT	MAROCAINE EXTRA CH	MAROCAINE SUPER CH	MARYLONG CH	MARYLONG DOUCE CH
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	SERRIERES	CH	BAT	BAT	BAT	BAT
	CIGARETTE CODE	MLH04	MCLBC	MCEAC	MCSAC	MYGAC	MYAAC
	SIZE/NO PER PACK	100 F/20	LS F/20	LS F/20	LS F/20	LS F/20	LS F/20
	SAMPLING CODE	A 00 2	B 01 2	B 01 2	A 00 3	A 02 2	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.5	3.6	7.6	13.6	12.8	10.0
DPM DRY.PARTIC.MATTER	MG/CIG	15.6	3.4	7.0	12.3	11.3	9.2
TAR (=TPM-SN-H2O)	MG/CIG	14.6*	3.2	6.5	11.5	10.6	8.6
SN SMOKE NICOTINE	MG/CIG	1.01*	0.24	0.49	0.75	0.69	0.64
RATIO SN/TAR	%	7.0	7.7	7.6	6.5	6.5	7.5
PUFF COUNT	NO./CIG	9.4	6.6	6.4	7.3	6.7	6.8
CO CARBON MONOXIDE	MG/CIG	14.9*	2.8	5.1	9.9	10.1	7.6
NO NITROGEN MONOXIDE	MG/CIG	0.19	0.05	0.09	0.14	0.13	0.10

F I L L E R

ALKALOIDS, TOTAL	%	1.79	1.43	1.31	1.38	1.62	1.58
REDUCING SUGARS	%	8.5	5.7	5.3	6.3	5.2	5.5
NITRATE NITROGEN	%	0.20	0.24	0.29	0.24	0.23	0.23
AMMONIA NITROGEN	%	0.26	0.19	0.19	0.17	0.17	0.18
TOB. WT. AT 12.5 % OV	MG/CIG	834	616	632	640	623	621
DENSITY AT 12.5 % OV	MG/ML	241	214	220	224	218	217
OV AT EQUILIBRIUM	%	13.4	12.4	12.0	12.2	12.0	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1110	886	882	888	825	823
CIG. LENGTH, TOTAL	MM	99	79	79	79	79	79
CIG. DIAMETER/CIRCUMFER.	MM	7.88/24.7	7.94/24.9	7.94/24.9	7.92/24.8	7.92/24.8	7.93/24.9
CIG. RTD	MM H2O	112*	76	62	77	105	87
CIG. VENTILATION	%	19*	66	52	38	17	36
FIRMNESS AS IS	MM	3.14	2.08	2.27	2.06	2.10	2.90
OVEN VOLATILES AS IS	%	12.7	11.1	11.0	10.4	9.7	11.5
FIRMNESS AT 12.5 % OV	MM	3.09	2.63	2.89	2.90	3.23	3.31
CIG. PAP. VENTIL. SYST.			EP	EP		EP	EP

F I L T E R

FILTER TYPE		S	D	D	D	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	21	21	21	21	21
FILTER-LENGTH PLUG 1	MM		15.0	15.0	15.0		
FILTER-LENGTH PLUG 2	MM		6.0	6.0	6.0		
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE			ACRE	AC	AC		
FILTER WEIGHT	MG/FIL	211	226	211	207	161	160
FILTER RTD	MM H2O	74	93	49	50	69	67
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	25	25	25	25	25
TIPPING PAPER TYPE		ICD	WHICWHDL	IC	IC	WH	WH
TIPPING PERFO. TYPE		EPZ	LPM	MLPM	MLPM	MLPM	MLPM
TIPPING, PERFO. LINES	NO.		1	1	1	1	1

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077912

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	MARYLONG DOUBLE FILTER BAT	CH	MARYLONG EXTRA BAT	CH	MARYLONG NO 1 BAT	CH	+MERCEDES SERRIERES	+MERIT SERRIERES	+MERIT ULTRA LIGHTS SERRIERES
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER									
	CIGARETTE CODE	MYHAC		MYCAC		MYBAC		MEK04	MER13	MEZ03
	SIZE/NB PER PACK	LS F/20		LS F/20		LS F/20		KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 00 3		A 01 2		A 01 3		A 00 1	A 00 4	A 00 4

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	7.0	5.7	1.7	13.3	7.8	3.7
DPM DRY. PARTIC. MATTER	MG/CIG	6.5	5.3	1.6	12.0	7.1	3.4
TAR (=TPM-SN-H2O)	MG/CIG	6.1	4.9	1.5	11.2*	6.6	3.2
SN SMOKE NICOTINE	MG/CIG	0.44	0.33	0.12	0.82*	0.50	0.25
RATIO SN/TAR	%	7.3	6.8	8.3	7.3	7.7	8.0
PUFF COUNT	NO./CIG	6.5	6.1	5.5	7.9*	7.6	7.4
CO CARBON MONOXIDE	MG/CIG	5.2	7.1	2.4	12.4	8.9	3.5
NO NITROGEN MONOXIDE	MG/CIG	0.08	0.11	0.04	0.09	0.15	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.33	1.55	1.28	1.62	1.90	1.77
REDUCING SUGARS	%	5.1	5.5	4.9	10.1	7.2	6.5
NITRATE NITROGEN	%	0.28	0.25	0.29	0.12	0.26	0.22
AMMONIA NITROGEN	%	0.19	0.18	0.19	0.08	0.18	0.27
TOB. WT. AT 12.5 % OV	MG/CIG	639	618	512	718	677	663
DENSITY AT 12.5 % OV	MG/ML	223	218	193	231	246	240
OV AT EQUILIBRIUM	%	12.2	12.2	11.7	12.5	13.5	13.5

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	890	954	811	1002	960	945
CIG. LENGTH, TOTAL	MM	79	79	79	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.93/24.9	7.91/24.8	7.93/24.9	7.91/24.8	7.93/24.9
CIG. RTD	MM H2O	62	106	72	125	123	93
CIG. VENTILATION	%	52	38	69	20	37	65
FIRMNESS AS IS	MM	2.23	2.40	1.72	2.95	2.78	2.62
OVEN VOLATILES AS IS	%	10.5	11.1	9.9	11.8	12.8	12.3
FIRMNESS AT 12.5 % OV	MM	3.05	2.97	2.77	3.24	2.70	2.70
CIG. PAP. VENTIL. SYST.	EP		EP	EP			

F I L T E R

FILTER TYPE		D	PSP	D	D	S	S
FM FILTER MATERIAL		CA	CAP	CA	CA	CA	CA
FILTER LENGTH,TOTAL	MM	21	21	25	21	28	28
FILTER-LENGTH PLUG 1	MM	15.0	8.0	15.0	8.0		
FILTER-LENGTH PLUG 2	MM	6.0	7.0	10.0	13.0		
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE		AC	ACRE	ACRE	PG		
FILTER WEIGHT	MG/FIL	208	294	262	234	228	227
FILTER RTD	MM H2O	50	93	108	80	116	118
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	25	29	25	32	32
TIPPING PAPER TYPE		IC	WHD	WHDL	WHD	ICWHDL	ICWHDL
TIPPING PERFO. TYPE		MLPM	MLPS	MLPS	MLPS	EPZ	MLPS
TIPPING,PERFO. LINES	NO.	1	4	4	3		4

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CH

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MS	+MULTI-FILTER 100'S	+MULTI-FILTER 100'S E.L.	+MURATTI AMBASSADOR KING SIZE	+MURATTI EXTRA	+MURATTI EXTRA 100'S
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	SERRIERES	SERRIERES	SERRIERES	SERRIERES	SERRIERES	SERRIERES
	CIGARETTE CODE	MSK01	MPH13	MPS06	MAK08	MAG02	MAT01
	SIZE/MB PER PACK	KS F/20	100 F/20	100 F/20	KS F/20	KS F/20	100 F/20
	SAMPLING CODE	A 02 2	A 00 4	A 00 3	A 00 4	A 00 4	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	15.7	10.1	7.0	9.2	3.4	3.7
DPM DRY.PARTIC.MATTER	MG/CIG	13.6	9.4	6.5	8.6	3.1	3.3
TAR (=TPM-SN-H2O)	MG/CIG	12.6	8.7	6.0	8.0	2.9	3.1
SN SMOKE NICOTINE	MG/CIG	0.99	0.75	0.56	0.67	0.24	0.25
RATIO SN/TAR	%	7.9	8.7	9.3	8.5	8.5	8.3
PUFF COUNT	NO./CIG	8.0	10.2	9.9	8.2	7.3	8.9
CO CARBON MONOXIDE	MG/CIG	14.6	10.3	6.0	7.5	4.8	4.7
NO NITROGEN MONOXIDE	MG/CIG	0.28	0.10	0.06	0.07	0.07	0.07

F I L L E R

ALKALOIDS, TOTAL	%	1.90	1.73	1.74	1.67	1.95	1.95
REDUCING SUGARS	%	9.1	10.9	11.3	11.6	9.7	9.5
NITRATE NITROGEN	%	0.37	0.13	0.14	0.12	0.19	0.19
AMMONIA NITROGEN	%	0.17	0.09	0.09	0.09	0.11	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	806	830	826	708	593	740
DENSITY AT 12.5 % OV	MG/ML	258	231	232	229	215	212
OV AT EQUILIBRIUM	%	12.1	12.5	12.7	12.5	13.1	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1013	1165	1166	1002	982	1134
CIG. LENGTH, TOTAL	MM	84	99	99	84	84	99
CIG. DIAMETER/CIRCUMFER.	MM	7.95/24.9	7.86/24.6	7.84/24.6	7.92/24.8	7.93/24.9	7.91/24.8
CIG. RTD	MM H2O	120	122	107	98	110	108
CIG. VENTILATION	%	10	43	52	44	58	61
FIRMNESS AS IS	MM	2.70	2.86	2.71	2.82	2.37	2.85
OVEN VOLATILES AS IS	%	12.5	11.9	11.5	11.8	12.0	12.0
FIRMNESS AT 12.5 % OV	MM	2.72	3.11	3.14	3.10	2.59	3.05
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	D	D	D	PSP	PSP
FM FILTER MATERIAL	CA	CA	CA	CA	CAP	CAP
FILTER LENGTH, TOTAL	MM	21	25	25	21	28
FILTER-LENGTH PLUG 1	MM	13.0	13.0	9.0	9.0	9.0
FILTER-LENGTH PLUG 2	MM	12.0	12.0	12.0	12.0	12.0
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADOITIVE TYPE		AC	AC	AC	ACPG	ACPG
FILTER WEIGHT	MG/FIL	161	281	281	338	329
FILTER RTD	MM H2O	70	97	96	76	118
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	25	29	29	32	35
TIPPING PAPER TYPE	ICD	WHGRD	WHGRD	WHGRD	WHGRWHD	WHGRWHD
TIPPING PERFO. TYPE	EPZ	MLPS	MLPS	MLPS	MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4	4	4	4	4

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CH

+ PME Brand () Converted values = PME specifications * Comments

2500077914

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MURATTI LIGHTS	+MURATTI 2000	+MURATTI 2000 EXTRA LONGS	+NORTH POLE MENTHOL	PARISIENNE EXTRA	PARISIENNE MILD
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	SERRIERES	SERRIERES	SERRIERES	SERRIERES	BURRUS CH	BURRUS CH
	CIGARETTE CODE	MA001	MAB01	MAH01	NPF01	PAUAC	PAGAC
	SIZE/MB PER PACK	KS F/20	KS F/20	100 F/20	LS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 00 2	A 00 2	A 00 3	A 00 2	B 03 1	B 03 1

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	4.8	6.5	7.5	16.3	5.3	9.9
DPM DRY.PARTIC.MATTER	MG/CIG	4.4	6.0	6.9	13.8	4.9	9.0
TAR (=TPM-SN-H2O)	MG/CIG	4.1	5.6	6.4	13.0	4.5	8.3
SN SMOKE NICOTINE	MG/CIG	0.38	0.42	0.49	0.78	0.41	0.69
RATIO SN/TAR	%	9.2	7.6	7.7	6.0	9.1	8.3
PUFF COUNT	NO./CIG	7.9	7.4	9.4	7.3	7.6	7.7
CO CARBON MONOXIDE	MG/CIG	3.7	9.0	10.5	11.9	3.9	7.3
NO NITROGEN MONOXIDE	MG/CIG	0.06	0.08	0.09	0.14	0.06	0.11

F I L L E R

ALKALOIDS, TOTAL	%	1.95	1.69	1.68	1.55	2.03	2.02
REDUCING SUGARS	%	8.4	11.1	11.6	11.4	10.1	11.0
NITRATE NITROGEN	%	0.19	0.13	0.13	0.17	0.19	0.19
AMMONIA NITROGEN	%	0.16	0.08	0.09	0.12	0.12	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	636	635	787	688	667	687
DENSITY AT 12.5 % OV	MG/ML	232	232	225	232	224	223
OV AT EQUILIBRIUM	%	13.0	12.4	12.3	12.7	12.8	13.0

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1021	1017	1177	887	916	901
CIG. LENGTH, TOTAL	MM	84	84	99	79	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.90/24.8	7.90/24.8	7.91/24.8	7.93/24.9	8.01/25.1	7.95/24.9
CIG. RTD	MM H2O	89	134	132	120	89	90
CIG. VENTILATION	%	66	33	40		58	39
FIRMNESS AS IS	MM	2.91	2.54	2.83	2.89	3.09	2.81
OVEN VOLATILES AS IS	%	12.6	11.8	11.6	12.7	12.9	12.3
FIRMNESS AT 12.5 % OV	MM	2.90	2.81	3.21	2.82	2.92	2.89
CIG. PAP. VENTIL. SYST.					EP		

F I L T E R

FILTER TYPE		S	PSP	PSP	S	S	S
FM FILTER MATERIAL		CA	CAP	CAP	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	28	28	19	25	22
FILTER-LENGTH PLUG 1	MM		10.0	9.0			
FILTER-LENGTH PLUG 2	MM		11.0	13.0			
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE			ACPG	ACPG			
FILTER WEIGHT	MG/FIL	336	337	336	149	201	163
FILTER RTD	MM H2O	108	117	115	63	91	63
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	32	32	32	24	29	26
TIPPING PAPER TYPE		ICWHDL	ICWHDL	ICWHDL	IC	ICWHDL	IC
TIPPING PERFO. TYPE		MLPS	EPZ	EPZ		MLPS	MLPS
TIPPING, PERFO. LINES	NO.	4				6	4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	PARISIENNE SUPER	PARISIENNE SPECIAL FILTRE	+PARLIAMENT	+PARLIAMENT 100'S	+PHILIP MORRIS 100 SUPER L. SERRIERES	+PHILIP MORRIS ULTRA LGTS SERRIERES
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	BURRUS CH	BURRUS CH	RICHMOND	RICHMOND	SERRIERES	SERRIERES
	CIGARETTE CODE	PASAC	PATAC	PLL02	PLL03	PHS05	PHU03
	SIZE/WE PER PACK	KS F/20	KS F/20	LS F/20	100 F/20	100 F/20	100 F/20
	SAMPLING CODE	B 03 1	B 03 1	B 00 2	B 00 2	A 00 4	A 00 4

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	14.0	6.9	9.5	13.4	5.1	2.1
DPM DRY. PARTIC. MATTER	MG/CIG	12.4	6.4	8.6	12.0	4.8	2.0
TAR (=TPM-SN-H2O)	MG/CIG	11.5	5.9	8.1	11.1	4.4	1.9
SN SMOKE NICOTINE	MG/CIG	0.86	0.57	0.61	0.90	0.40	0.19
RATIO SN/TAR	%	7.5	9.7	7.5	8.1	9.2	10.5
PUFF COUNT	NO./CIG	7.7	7.7	6.9	9.0	9.7	9.2
CO CARBON MONOXIDE	MG/CIG	9.8	5.3	8.8	11.4	5.0	4.4
NO NITROGEN MONOXIDE	MG/CIG	0.13	0.09	0.17	0.21	0.08	0.06

F I L L E R

ALKALOIDS, TOTAL	%	1.92	1.90	1.81	1.81	1.93	2.44
REDUCING SUGARS	%	9.7	7.6	7.2	6.4	8.2	9.9
NITRATE NITROGEN	%	0.18	0.22	0.22	0.22	0.20	0.17
AMMONIA NITROGEN	%	0.15	0.21	0.26	0.28	0.15	0.13
TOB. WT. AT 12.5 % OV	MG/CIG	708	704	632	814	790	718
DENSITY AT 12.5 % OV	MG/ML	228	229	238	239	227	209
OV AT EQUILIBRIUM	%	12.7	11.7	12.7	12.8	13.3	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	920	966	949	1247	1088	1063
CIG. LENGTH, TOTAL	MM	84	84	79	99	99	99
CIG. DIAMETER/CIRCUMFER.	MM	7.98/25.0	7.95/24.9	7.91/24.8	7.93/24.9	7.89/24.7	7.86/24.6
CIG. RTD	MM H2O	91	74	122	122	103	95
CIG. VENTILATION	%	23	55	34	32	61	64
FIRMNESS AS IS	MM	2.68	2.21	2.53	2.78	3.16	3.34
OVEN VOLATILES AS IS	%	12.8	12.1	12.0	12.2	12.6	12.1
FIRMNESS AT 12.5 % OV	MM	2.56	2.39	2.75	2.92	3.12	3.52
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE	S	PSP	SWR	DR	S	D
FM FILTER MATERIAL	CA	CA	CA	CA	CA	CAP
FILTER LENGTH, TOTAL	MM 22	22	25	30	28	28
FILTER-LENGTH PLUG 1	MM	11.0	20.0	15.0		8.0
FILTER-LENGTH PLUG 2	MM	5.0		9.0		20.0
FILTER-LENGTH PLUG 3	MM					
FA FIL. ADDITIVE TYPE		ACRE		AC		
FILTER WEIGHT	MG/FIL	220	270	371	228	285
FILTER RTD	MM H2O	46	68	100	119	138
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	26	26	36	36	36
TIPPING PAPER TYPE	IC	ICWHDL	WHDL	WHDL	ICWHDL	ICWHDL
TIPPING PERFO. TYPE	MLPS	MLPS	MLPM	MLPM	MLPS	MLPS
TIPPING, PERFO. LINES	NO. 2	4	1	1	4	4

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+PHILIP MORRIS NON FILTER SERRIERES	+PHILIP MORRIS SUPER L. SERRIERES	+PHILIP MORRIS ULTRA LGTS SERRIERES	+RAFFLES 100'S CARROLL	+REGENT SERRIERES	R6 REEMTSM.CH
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER						
	CIGARETTE CODE	PMK03	PMS03	PMU06	RAH05	REF02	RMQAC
	SIZE/NB PER PACK	KS N/20	KS F/20	KS F/20	100 F/10	KS F/20	KS F/20
	SAMPLING CODE	A 00 2	A 00 4	A 00 4	A 00 2	A 00 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	22.0	3.8	1.8	14.3	17.8	4.8
DPM DRY.PARTIC.MATTER	MG/CIG	19.7	3.5	1.6	13.0	15.2	4.5
TAR (=TPM-SN-H2O)	MG/CIG	18.5	3.2	1.5	12.0*	14.3	4.2
SN SMOKE NICOTINE	MG/CIG	1.22	0.31	0.15	1.09*	0.91	0.37
RATIO SN/TAR	%	6.6	9.7	10.2	9.2	6.4	8.8
PUFF COUNT	NO./CIG	9.0	8.1	6.5	9.2*	7.4	7.7
CO CARBON MONOXIDE	MG/CIG	10.9	4.2	3.3	13.5	14.6	5.0
NO NITROGEN MONOXIDE	MG/CIG	0.14	0.07	0.06	0.07	0.10	0.08

F I L L E R

ALKALOIDS, TOTAL	%	1.79	1.95	2.44	2.28	1.63	1.67
REDUCING SUGARS	%	7.2	9.1	9.9	12.6	10.5	8.7
NITRATE NITROGEN	%	0.21	0.20	0.18	0.08	0.12	0.22
AMMONIA NITROGEN	%	0.27	0.16	0.13	0.04	0.08	0.12
TOB. WT. AT 12.5 % OV	MG/CIG	1010	638	571	869	704	677
DENSITY AT 12.5 % OV	MG/ML	244	232	208	237	226	231
OV AT EQUILIBRIUM	%	13.0	13.2	12.3	12.4	12.4	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1083	920	901	1124	918	915
CIG. LENGTH, TOTAL	MM	84	84	84	100	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.92/24.8	7.92/24.8	7.91/24.8	7.94/24.9	7.94/24.9	7.96/24.9
CIG. RTD	MM H2O	54	99	91	131	127	102
CIG. VENTILATION	%		64	64	13		55
FIRMNESS AS IS	MM	3.09	2.88	2.95	2.33	3.21	2.96
OVEN VOLATILES AS IS	%	12.5	12.6	12.0	11.4	12.1	12.9
FIRMNESS AT 12.5 % OV	MM	3.11	2.88	3.19	2.80	3.38	2.80
CIG. PAP. VENTIL. SYST.	EP						

F I L T E R

FILTER TYPE		S	D	S	S	S
FM FILTER MATERIAL		CA	CAP	CA	CA	CA
FILTER LENGTH, TOTAL	MM	28	28	26	21	25
FILTER-LENGTH PLUG 1	MM		9.0			
FILTER-LENGTH PLUG 2	MM		19.0			
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE						
FILTER WEIGHT	MG/FIL	230	284	198	166	194
FILTER RTD	MM H2O	122	137	87	71	102
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	32	32	30	25	29
TIPPING PAPER TYPE		ICWHD	ICWHD	ICD	IC	ICWHD
TIPPING PERFO. TYPE		MLPS	MLPS	EPZ		MLPS
TIPPING, PERFO. LINES	NO.	6	4			4

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CH

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	R6 ULTRA	+SARATOGA 120'S	SELECT	SELECT LIGHTS	SELECT ULTRA	+STAR
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	REEMTSM.CH	RICHMOND	BURRUS CH	BURRUS CH	BURRUS CH	SERRIERES
	CIGARETTE CODE	RMVCC	SAR01	SELAC	SEKAC	SEIAC	STA04
	SIZE/MB PER PACK	KS F/20	120 F/20	KS F/20	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	B 02 2	B 02 2	B 00 2	B 00 2	B 03 1	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	2.0	16.8	9.1	2.1	0.8	8.4
DPH DRY.PARTIC.MATTER	MG/CIG	2.0	15.3	8.4	2.0	0.7	7.8
TAR (=TPM-SN-H2O)	MG/CIG	1.8	14.3	7.8	1.9	0.6	7.2
SN SMOKE NICOTINE	MG/CIG	0.21	1.03	0.66	0.16	0.10	0.61
RATIO SN/TAR	%	12.2	7.2	8.5	8.7	17.1	8.5
PUFF COUNT	NO./CIG	7.3	12.2	8.3	8.1	8.2	8.3
CO CARBON MONOXIDE	MG/CIG	3.6	13.1	6.4	2.1	1.0	7.2
NO NITROGEN MONOXIDE	MG/CIG	0.04	0.21	0.08	0.03	0.02	0.09

F I L L E R

ALKALOIDS, TOTAL	%	2.42	1.90	1.96	1.91	2.21	2.09
REDUCING SUGARS	%	9.2	8.0	10.6	10.6	6.7	10.6
NITRATE NITROGEN	%	0.18	0.23	0.16	0.16	0.23	0.18
AMMONIA NITROGEN	%	0.10	0.25	0.12	0.15	0.18	0.14
TOB. WT. AT 12.5 % OV	MG/CIG	621	918	687	653	675	724
DENSITY AT 12.5 % OV	MG/ML	213	241	222	223	232	263
OV AT EQUILIBRIUM	%	12.3	12.6	12.7	13.1	12.0	13.4

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	879	1199	957	966	975	999
CIG. LENGTH, TOTAL	MM	84	120	84	84	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.93/24.9	7.42/23.2	7.98/25.0	7.96/24.9	7.93/24.9	7.91/24.8
CIG. RTD	MM H2O	72	131	69	59	53	108
CIG. VENTILATION	%	69	31	52	76	82	41
FIRMNESS AS IS	MM	3.27	2.79	2.87	2.93	2.28	2.57
OVEN VOLATILES AS IS	%	13.1	12.4	12.6	12.3	11.6	12.8
FIRMNESS AT 12.5 % OV	MM	3.02	2.84	2.83	3.02	2.66	2.45
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		D	S	PSP	PSP	PSP	S
FM FILTER MATERIAL		CAP	CA	CA	CAP	CAP	CA
FILTER LENGTH, TOTAL	MM	25	32	22	25	25	28
FILTER-LENGTH PLUG 1	MM	16.0		12.0	15.0	15.0	
FILTER-LENGTH PLUG 2	MM	9.0		6.0	6.0	4.0	
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE				ACRE	ACRE	ACRE	
FILTER WEIGHT	MG/FIL	213	215	219	261	260	217
FILTER RTD	MM H2O	108	93	65	102	107	97
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	29	36	26	29	29	32
TIPPING PAPER TYPE		ICWHDL	ICDL	WHD	WHDL	WHDL	ICWHDL
TIPPING PERFO. TYPE		MLPS	MLPS	MLPS	MLPS	MLPS	EPZ
TIPPING, PERFO. LINES	NO.	4	2	4	8	3	

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+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+VIRGINIA SLIMS LIGHTS	WEST	WINSTON
CH SWITZERLD.	PROD. CENTERS OR MANUFACTURER	RICHMOND	REEMTSMA.CH	REYNOLD CH
	CIGARETTE CODE	VIT01	WSUWC	WIBKC
	SIZE/MS PER PACK	100 F/20	KS F/20	KS F/20
	SAMPLING CODE	B 02 2	B 02 2	A 00 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	9.9	16.7	16.8
DPM DRY.PARTIC.MATTER	MG/CIG	8.9	15.1	14.8
TAR (=TPM-SM-H2O)	MG/CIG	8.3	14.2	13.8
SN SMOKE NICOTINE	MG/CIG	0.61	0.92	0.99
RATIO SN/TAR	%	7.3	6.5	7.2
PUFF COUNT	NO./CIG	8.7	7.7	8.4
CO CARBON MONOXIDE	MG/CIG	8.3	14.0	13.1
NO NITROGEN MONOXIDE	MG/CIG	0.16	0.15	0.17

F I L L E R

ALKALOIDS, TOTAL	%	1.77	1.68	1.77
REDUCING SUGARS	%	7.4	8.6	7.8
NITRATE NITROGEN	%	0.24	0.18	0.26
AMMONIA NITROGEN	%	0.24	0.09	0.16
TOB. WT. AT 12.5 % OV	MG/CIG	693	731	766
DENSITY AT 12.5 % OV	MG/ML	238	234	250
OV AT EQUILIBRIUM	%	12.3	12.0	12.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	958	938	986
CIG. LENGTH, TOTAL	MM	99	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.38/23.1	7.94/24.9	7.87/24.7
CIG. RTD	MM H2O	130	101	103
CIG. VENTILATION	%	41	16	18
FIRMNESS AS IS	MM	2.57	2.48	2.87
OVEN VOLATILES AS IS	%	12.8	12.5	12.5
FIRMNESS AT 12.5 % OV	MM	2.47	2.48	2.87
CIG. PAP. VENTIL. SYST.				

F I L T E R

FILTER TYPE		S	S	S
FM FILTER MATERIAL		CA	CA	CA
FILTER LENGTH,TOTAL	MM	31	21	21
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	215	162	167
FILTER RTD	MM H2O	113	47	69
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	36	25	25
TIPPING PAPER TYPE		WHDL	IC	IC
TIPPING PERFO. TYPE		MLPS	EPZ	EPZ
TIPPING,PERFO. LINES	NO.	2		

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	BOUSSETTA	CRISTAL	EL KHADRA	+LARK 100'S	+MARLBORO	ROYALE EXTRA LONGUE S.E.I.T.A
TN TUNISIA	PROD. CENTERS OR MANUFACTURER	RNTA	BULGAR TAB	RNTA	RICHMOND	RICHMOND	
	CIGARETTE CODE	BOEAC	CRTAC	ELKAC	LAH02	MLF54	ROQAC
	SIZE/NO PER PACK	REG N/20	KS F/20	REG F/20	100 F/20	LS F/20	100 F/20
	SAMPLING CODE	B 02 1	B 02 1	B 01 1	B 02 2	B 02 2	B 02 2

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	28.0	32.5	26.5	15.8	18.3	16.5
DEPM DRY.PARTIC.MATTER	MG/CIG	24.6	28.2	22.9	14.0	15.5	14.7
TAR (=TPM-SN-H2O)	MG/CIG	23.5	26.7	21.8	13.1	14.6	13.7
SN SMOKE NICOTINE	MG/CIG	1.13	1.49	1.05	0.95	0.95	1.01
RATIO SN/TAR	%	4.8	5.6	4.8	7.3	6.5	7.3
PUFF COUNT	NO./CIG	8.4	12.4	9.6	8.3	7.8	9.4
CO CARBON MONOXIDE	MG/CIG	13.5	21.1	18.1	12.5	13.3	15.9
NO NITROGEN MONOXIDE	MG/CIG	0.25	0.30	0.36	0.22	0.25	0.19

F I L L E R

ALKALOIDS, TOTAL	%	1.44	1.59	1.46	1.98	1.81	1.82
REDUCING SUGARS	%	3.3	5.4	2.1	8.3	7.0	10.2
NITRATE NITROGEN	%	0.25	0.18	0.28	0.25	0.24	0.20
AMMONIA NITROGEN	%	0.20	0.18	0.19	0.27	0.26	0.11
TOB. WT. AT 12.5 % OV	MG/CIG	763	1004	773	777	708	890
DENSITY AT 12.5 % OV	MG/ML	228	276	247	216	239	245
OV AT EQUILIBRIUM	%	11.4	11.6	11.3	12.9	12.8	12.6

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	800	1166	887	1144	911	1136
CIG. LENGTH, TOTAL	MM	69	83	69	100	79	99
CIG. DIAMETER/CIRCUMFER.	MM	7.86/24.6	8.25/25.9	8.22/25.8	7.97/25.0	7.93/24.9	7.91/24.8
CIG. RTD	MM H2O	36	98	69	114	105	143
CIG. VENTILATION	%				22	10	
FIRMNESS AS IS	MM	2.30	1.87	1.75	2.78	3.13	2.59
OVEN VOLATILES AS IS	%	11.4	13.3	11.0	12.2	13.2	12.5
FIRMNESS AT 12.5 % OV	MM	2.76	1.57	2.35	2.89	2.85	2.60
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	PSP	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	15	10	28	19	25
FILTER-LENGTH PLUG 1	MM			12.0		
FILTER-LENGTH PLUG 2	MM			11.0		
FILTER-LENGTH PLUG 3	MM					
FA FIL.ADDITIVE TYPE				AC		
FILTER WEIGHT	MG/FIL	120	79	305	152	190
FILTER RTD	MM H2O	40	31	73	64	78
FILTER EFFICIENCY	%					
TIPPING LENGTH ON CIG.	MM	19	14	32	23	29
TIPPING PAPER TYPE		WH	IC	ICD	IC	ICD
TIPPING PERFO. TYPE				MLPS	MLPS	
TIPPING, PERFO. LINES	NO.			2	1	

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TN

+ PME Brand () Converted values = PME specifications * Comments

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CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	20 MARS	20 MARS INTERNAT.
TN TUNISIA	PROD. CENTERS OR MANUFACTURER	RNTA	RNTA
	CIGARETTE CODE	MBGAC	MAQAC
	SIZE/NB PER PACK	KS F/20	LS F/20
	SAMPLING CODE	B 02 1	B 02 2

S M O K E

TPM TOT. PARTIC. MATTER	MG/CIG	28.7	18.9
DPM DRY. PARTIC. MATTER	MG/CIG	24.8	16.5
TAR (=TPM-SN-H2O)	MG/CIG	23.4	15.6
SN SMOKE NICOTINE	MG/CIG	1.42	0.91
RATIO SN/TAR	%	6.1	5.8
PUFF COUNT	NO./CIG	11.0	8.1
CO CARBON MONOXIDE	MG/CIG	16.3	15.8
NO NITROGEN MONOXIDE	MG/CIG	0.36	0.26

F I L L E R

ALKALOIDS, TOTAL	%	1.57	1.65
REDUCING SUGARS	%	3.5	9.1
NITRATE NITROGEN	%	0.28	0.24
AMMONIA NITROGEN	%	0.22	0.19
TOB. WT. AT 12.5 % OV	MG/CIG	989	763
DENSITY AT 12.5 % OV	MG/ML	268	250
OV AT EQUILIBRIUM	%	11.2	12.2

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1148	964
CIG. LENGTH, TOTAL	MM	84	80
CIG. DIAMETER/CIRCUMFER.	MM	8.25/25.9	8.04/25.2
CIG. RTD	MM H2O	98	106
CIG. VENTILATION	%		
FIRMNESS AS IS	MM	2.18	2.46
OVEN VOLATILES AS IS	%	12.1	14.6
FIRMNESS AT 12.5 % OV	MM	2.33	1.64
CIG. PAP. VENTIL. SYST.			

F I L T E R

FILTER TYPE	S	S
FM FILTER MATERIAL	CA	CA
FILTER LENGTH, TOTAL	MM 15	20
FILTER-LENGTH PLUG 1	MM	
FILTER-LENGTH PLUG 2	MM	
FILTER-LENGTH PLUG 3	MM	
FA FIL. ADDITIVE TYPE		
FILTER WEIGHT	MG/FIL	120 155
FILTER RTD	MM H2O	42 52
FILTER EFFICIENCY	%	
TIPPING LENGTH ON CIG.	MM	19 24
TIPPING PAPER TYPE	IC	IC
TIPPING PERFO. TYPE		
TIPPING, PERFO. LINES	NO.	

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TN

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+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+MARLBORO KING SIZE	+MARLBORO LIGHTS 100'S	+MARLBORO LIGHTS	+MARLBORO LIGHTS	+MARLBORO 100'S	+RAFFLES 100'S
GB UNIT.KINGD	PROD. CENTERS OR MANUFACTURER	IXELLES	MUNICH	MUNICH	IXELLES	MUNICH	ROTHMANS D
	CIGARETTE CODE	MLB25	MHX15	MLX31	MLX32	MHC04	RAH05
	SIZE/MB PER PACK	KS F/20	100 F/	KS F/20	KS F/10	100 F/20	100 F/20
	SAMPLING CODE	A 00 4	A 02 2	A 02 1	A 00 3	A 02 2	A 00 4

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	17.3	7.4	6.2	6.9	15.9	15.1
DPM DRY.PARTIC.MATTER	MG/CIG	15.1	7.0	5.8	6.4	14.2	13.8
TAR (=TPM-SN-H2O)	MG/CIG	14.2	6.5	5.4	5.9	13.2	12.7
SN SMOKE NICOTINE	MG/CIG	0.93	0.53	0.45	0.50	0.96	1.17
RATIO SN/TAR	%	6.6	8.2	8.4	8.5	7.3	9.3
PUFF COUNT	NO./CIG	8.2	9.9	8.0	7.6	10.5	9.2
CO CARBON MONOXIDE	MG/CIG	13.6		6.1	6.1		14.7
NO NITROGEN MONOXIDE	MG/CIG	0.19		0.07	0.08		0.08

F I L L E R

ALKALOIDS, TOTAL	%	1.82		2.17	2.12	1.83	2.34
REDUCING SUGARS	%	8.0		9.0	8.8	7.5	12.2
NITRATE NITROGEN	%	0.21		0.19	0.15	0.22	0.10
AMMONIA NITROGEN	%	0.25		0.13	0.12	0.22	0.05
TOB. WT. AT 12.5 % OV	MG/CIG	745	802		650	883	886
DENSITY AT 12.5 % OV	MG/ML	241	224		225	248	242
OV AT EQUILIBRIUM	%	13.9	12.7	13.4	13.0	13.3	12.3

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	971	1077		922	1138	1136
CIG. LENGTH, TOTAL	MM	84	99	84	84	99	100
CIG. DIAMETER/CIRCUMFER.	MM	7.91/24.8	7.85/24.6		7.90/24.8	7.83/24.5	7.95/24.9
CIG. RTD	MM H2O	102	117	105	105	110	134
CIG. VENTILATION	%	18	44	49	50	26	9
FIRMNESS AS IS	MM	2.88			2.42	3.03	2.98
OVEN VOLATILES AS IS	%	12.8			11.4	13.1	12.7
FIRMNESS AT 12.5 % OV	MM	2.78			2.85	2.79	2.92
CIG. PAP. VENTIL. SYST.							

F I L T E R

FILTER TYPE		S	S	S	S	S	S
FM FILTER MATERIAL		CA	CA	CA	CA	CA	CA
FILTER LENGTH, TOTAL	MM	21	25	25	25	25	26
FILTER-LENGTH PLUG 1	MM						
FILTER-LENGTH PLUG 2	MM						
FILTER-LENGTH PLUG 3	MM						
FA FIL.ADDITIVE TYPE							
FILTER WEIGHT	MG/FIL	163	213	206	216	187	192
FILTER RTD	MM H2O	70	121	105	107	78	83
FILTER EFFICIENCY	%						
TIPPING LENGTH ON CIG.	MM	25	32	32	32	29	30
TIPPING PAPER TYPE	IC		ICWHDL	ICWHDL	ICWHDL	ICD	ICD
TIPPING PERFO. TYPE		EPZ	EPZ	EPZ	EPZ	EPZ	EPZ
TIPPING, PERFO. LINES	NO.						

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GB

2500077922

+ PME Brand () Converted values = PME specifications * Comments

CHARACTERISTICS OF THE BRANDS

COUNTRY OF SALE	BRAND NAME	+BOND STREET	+CHESTER-FIELD	+MARLBORO KING SIZE
YU YUGOSLAVIA	PROD. CENTERS OR MANUFACTURER	SARAJEVO	SERRIERES	SARAJEVO
	CIGARETTE CODE	BSK01	CEG15	MLK05
	SIZE/NO PER PACK	KS F/20	KS F/20	KS F/20
	SAMPLING CODE	A 01 3	A 01 2	A 01 3

S M O K E

TPM TOT.PARTIC.MATTER	MG/CIG	19.2	18.3	20.4
DPM DRY.PARTIC.MATTER	MG/CIG	16.7	15.9	17.1
TAR (=TPM-SN-H2O)	MG/CIG	15.8	15.0	16.0
SN SMOKE NICOTINE	MG/CIG	0.95	0.97	1.07
RATIO SN/TAR	%	6.0	6.4	6.7
PUFF COUNT	NO./CIG	9.5	8.6	8.9
CO CARBON MONOXIDE	MG/CIG	17.7	13.6	16.0
NO NITROGEN MONOXIDE	MG/CIG	0.10	0.16	0.24

F I L L E R

ALKALOIDS, TOTAL	%	1.48	1.81	1.84
REDUCING SUGARS	%	13.9	7.7	9.0
NITRATE NITROGEN	%	0.07	0.17	0.21
AMMONIA NITROGEN	%	0.10	0.19	0.21
TOB. WT. AT 12.5 % OV	MG/CIG	817	772	855
DENSITY AT 12.5 % OV	MG/ML	260	248	269
OV AT EQUILIBRIUM	%	12.9	13.5	12.9

C I G A R E T T E

CIG. WEIGHT, TOTAL	MG/CIG	1036	987	1073
CIG. LENGTH, TOTAL	MM	85	84	84
CIG. DIAMETER/CIRCUMFER.	MM	7.88/24.7	7.93/24.9	7.93/24.9
CIG. RTD	MM H2O	133	109	121
CIG. VENTILATION	%		15	
FIRMNESS AS IS	MM	2.46	2.87	2.49
OVEN VOLATILES AS IS	%	12.0	12.9	11.3
FIRMNESS AT 12.5 % OV	MM	2.68	2.72	2.98
CIG. PAP. VENTIL. SYST.				

F I L T E R

FILTER TYPE		S	S	S
FM FILTER MATERIAL		CA	CA	CA
FILTER LENGTH,TOTAL	MM	20	21	20
FILTER-LENGTH PLUG 1	MM			
FILTER-LENGTH PLUG 2	MM			
FILTER-LENGTH PLUG 3	MM			
FA FIL.ADDITIVE TYPE				
FILTER WEIGHT	MG/FIL	161	153	160
FILTER RTD	MM H2O	69	62	67
FILTER EFFICIENCY	%			
TIPPING LENGTH ON CIG.	MM	24	25	24
TIPPING PAPER TYPE		IC	IC	IC
TIPPING PERFO. TYPE			EP2	
TIPPING.PERFO. LINES	NO.			

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YU

+ PME Brand () Converted values = PME specifications * Comments

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
AN ANDORRA					
CER11	+CHESTER- FIELD NON FILTER	REG NF	SOF	LICENSEE	ANDORRA
MLF63	+MARLBORO	LS F	BOX	LICENSEE	ANDORRA
MLK50	+MARLBORO KING SIZE	KS F	SOF	LICENSEE	ANDORRA
ZA AUSTRAL AFRICA					
CEB05	+CHESTER- FIELD	LS F	BOX	LICENSEE	INDUSTRIA
CEB05	+CHESTER- FIELD	LS F	BOX	LICENSEE	PAARL
CER05	+CHESTER- FIELD NON FILTER	REG NF	SOF	LICENSEE	PAARL
AU AUSTRIA					
CEG06	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
DAMAC	DAMES	KS F	SOF	AUSTRIA T.	
FDFAC	FALK EXTRA MILD	LS F	SOF	AUSTRIA T.	
HBKBC	HB	KS F	SOF	AUSTRIA T.	
HYBAC	HOBBY	LS F	SOF	AUSTRIA T.	
MLB22	+MARLBORO	KS F	BOX	LICENSEE	ATW LINZ
MLX08	+MARLBORO LIGHTS	KS F	BOX	LICENSEE	ATW LINZ
MHC06	+MARLBORO 100'S	100 F	BOX	P.M.G.	MUNICH
MEUAC	MEMPHIS CLASSIC	KS F	BOX	AUSTRIA T.	
MEPAC	MEMPHIS LIGHTS	KS F	BOX	AUSTRIA T.	
SEXAC	SMART EXPORT	LS F	SOF	AUSTRIA T.	
WIBAC	WINSTON	KS F	BOX	AUSTRIA T.	
BE BELGIUM					
ARK04	+ARMADA	KS F	SOF	CONTR.MAN	JUBILE
ARH02	+ARMADA 100 S GALION	100 F	SOF	P.M.H.	BERGEN OZ
ARM02	+ARMADA 100 S MENTHOL	100 F	SOF	P.M.H.	BERGEN OZ
BAXGC	BARCLAY	KS F	BOX	BAT BENEL.	
BBACC	BARCLAY 100'S	100 F	BOX	BAT BENEL.	
BAFAC	BASTOS	REG F	SOF	CINTA	
BGFAC	BELGA	REG F	SOF	VANDER ELS	
BGEAC	BELGA EXTRA LEGERE	REG F	SOF	VANDER ELS	
BGCAC	BELGA ULTRA LEGERE	REG F	SOF	VANDER ELS	
BDOAC	BOULE D'OR LEGERE	REG F	SOF	ODON WARL.	
BOLAC	BOULE D'OR ULTRA LEGERE	REG F	SOF	ODON WARL.	
CABCC	CAMEL	KS F	BOX	GOSSET BE	
PR CBUAC	CAMEL 25 CIG.	KS F	BOX	REYNOLD NL	
CEG06	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
CER07	+CHESTER- FIELD NON FILTER	REG NF	SOF	CONTR.MAN	LAURENS
DHECC	DUNHILL SUPERIOR MILD	KS F	BOX	VANDER ELS	
GBAHC	GAULOISES BLONDES	KS F	BOX	S.E.I.T.A	
GBFBC	GAULOISES BLEU	REG F	SOF	CINTA	
PR GIWBC	GITANES BLONDES LEGERES	KS F	PRINC	CINTA	
PR GIXCC	GITANES BLONDES	KS F	PRINC	CINTA	

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
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BE BELGIUM

KEKGC		KENT KING SIZE	KS F	BOX	LANDEWYCK	
LMY01		+L & M	KS F	BOX	P.M.G.	MUNICH
MLB15		+MARLBORO K.S.	KS F	BOX	P.M.B.	IXELLES
MLB20		+MARLBORO KING SIZE	KS F	BOX	P.M.H.	BERGEN OZ
MLK40		+MARLBORO KING SIZE	KS F	BOX	P.M.G.	BERLIN
MLK40		+MARLBORO KING SIZE	KS F	BOX	P.M.G.	MUNICH
MX06		+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.H.	BERGEN OZ
MLX01		+MARLBORO LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
MLH01		+MARLBORO 100'S	100 F	BOX	P.M.H.	BERGEN OZ
MER20		+MERIT	KS F	BOX	P.M.H.	BERGEN OZ
NLK05		+NORTH POLE MENTHOL	KS F	BOX	P.M.B.	IXELLES
PSEDC		PETER STUYVESANT EXTRA M.	KS F	SOF	JUBILE BE	
PSKDC		PETER STUYVESANT	KS F	SOF	JUBILE BE	
PHS02		+PHILIP MORRIS 100 SUPER L.	100 F	BOX	P.M.H.	BERGEN OZ
PML02		+PHILIP MORRIS LIGHTS	KS F	BOX	P.M.B.	IXELLES
PMS06		+PHILIP MORRIS SUPER L.	KS F	BOX	P.M.H.	BERGEN OZ
PMU08		+PHILIP MORRIS ULTRA LGTS	KS F	BOX	P.M.G.	MUNICH
RIDBC		RICHMOND	REG F	SOF	JUBILE BE	
VAR05		+VISA ROUGE	REG F	SOF	CONTR.MAN	JUBILE
VAV05		+VISA VERTE	REG F	SOF	CONTR.MAN	JUBILE
WIBOC		WINSTON	KS F	BOX	GOSSET BE	

BG BULGARIA

BTFAC		BT FILTER	KS F	BOX	BULGAR TAB	
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CJ CANARY ISLANDS

FOK01		+FORTUNA	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
FOT01		+FORTUNA	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
FOL01		+FORTUNA LIGHTS	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
LAB01		+LARK	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MLF32		+MARLBORO	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MLK35		+MARLBORO KING SIZE	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
MLL12		+MARLBORO LIGHTS	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MLX10		+MARLBORO LIGHTS	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
MEQ07		+MERIT	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
SWE02		+SWING LIGHTS	LS F	BOX	P.M.ESPANA	PM ST-CRUZ

CC CORSICA

MLB17		+MARLBORO KING SIZE	KS F	BOX	CONTR.MAN	MACOTAB
MLX27		+MARLBORO LIGHTS	KS F	BOX	CONTR.MAN	MACOTAB
MPH15		+MULTI- FILTER 100'S	100 F	SOF	P.M.G.	MUNICH
PML04		+PHILIP MORRIS LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
PMS01		+PHILIP MORRIS SUPER L.	KS F	BOX	P.M.G.	MUNICH

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
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CY CYPRUS (GREEK PART)

BSF01	+BOND STREET	LS F BOX	PM-BRAZIL	CURITIBA
BSK02	+BOND STREET	KS F SOF	PM-BRAZIL	CURITIBA
LMH01	+L & M 100'S	100 F SOF	PM-BRAZIL	CURITIBA
MLX21	+MARLBORO LIGHTS	KS F BOX	P.M.G.	MUNICH

CS CZECHOSLOVAKIA

CCLAC	CLEA	KS F SOF	CSTP	
DICAC	DISCO	KS F SOF	CSTP	
MLK46	+MARLBORO	KS F SOF	LICENSEE	KUTNA HORA
MMAAC	MARS M 20	REG F SOFT N	CSTP	
MSDFC	MILDE SORTE	KS F BOX	CSTP	
PEAAC	PETRA	KS F SOF	CSTP	
SPBAC	SPARTA	KS F SOF	CSTP	
STZAC	START NON FILTER	REG NF SOFT N	CSTP	

DK DENMARK

MLK40	+MARLBORO KING SIZE	KS F BOX	P.M.G.	MUNICH
MLX05	+MARLBORO LIGHTS	KS F BOX	P.M.G.	MUNICH
MHC06	+MARLBORO 100'S	100 F BOX	P.M.G.	MUNICH
MIL02	+MILD	KS F SOF	P.M.G.	MUNICH

EG EGYPT (UNITED ARAB REP.)

CLQBC	CLEOPATRA 100'S	100 F SOF	EASTERN TO	
KEHBC	KENT DE LUXE	100 F SOF	EASTERN TO	
LISAC	LITE	LS F BOX	AL NASR	
MLF51	+MARLBORO	LS F BOX	LICENSEE	CAIRO TALB
MLW01	+MARLBORO LIGHTS	LS F BOX	LICENSEE	CAIRO TALB
RTKNC	ROTHMANS	KS F BOX	EASTERN TO	
WIKRC	WINSTON	KS F BOX	EASTERN TO	

SF FINLAND

BEL01	+BELMONT EXTRA MILD	KS F BOX	LICENSEE	ATO HYRYLA
BEK01	+BELMONT FILTER	KS F BOX	LICENSEE	ATO HYRYLA
BEI01	+BELMONT MENTHOL	KS F BOX	LICENSEE	ATO HYRYLA
BEJ01	+BELMONT ULTRA	KS F BOX	LICENSEE	ATO HYRYLA
BER01	+BELMONT 2002	KS F BOX	LICENSEE	ATO HYRYLA
BEU01	+BELMONT 2002 MENTHOL	KS F BOX	LICENSEE	ATO HYRYLA
LMK19	+L & M	KS F SOF	LICENSEE	ATO HYRYLA
LMD03	+L & M LIGHTS	KS F BOX	LICENSEE	ATO HYRYLA
LMU01	+L & M ULTRA LIGHTS	KS F BOX	LICENSEE	ATO HYRYLA
MLK48	+MARLBORO	KS F BOX	LICENSEE	ATO HYRYLA
MXH10	+MARLBORO LIGHTS 100'S	100 F BOX	LICENSEE	ATO HYRYLA

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
SF FINLAND						
	MLI06	+MARLBORO LIGHTS MENTHOL	KS F	BOX	LICENSEE	ATO HYRYLA
	MLL13	+MARLBORO LIGHTS	KS F	BOX	LICENSEE	ATO HYRYLA
	MKM01	+MARLBORO MENTHOL	KS F	SOF	LICENSEE	ATO HYRYLA
	MHC13	+MARLBORO 100'S	100 F	BOX	LICENSEE	ATO HYRYLA
	MPK02	+MULTI- FILTER	KS F	BOX	LICENSEE	ATO HYRYLA
FR FRANCE						
	ARH02	+ARMADA 100 S GALION	100 F	SOF	P.M.H.	BERGEN OZ
	ARM02	+ARMADA 100 S MENTHOL	100 F	SOF	P.M.H.	BERGEN OZ
PR	BBCAC	BASTOS INT. ULTRA LEGERES	KS F	PRINC	CINTA	
	BAB01	+BATTISTONI	KS F	BOX	P.M.G.	MUNICH
	CEF04	+CHESTER- FIELD FILTER	KS F	BOX	CONTR.MAN	LAURENS
	CEG06	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
	CEG12	+CHESTER- FIELD	KS F	BOX	P.M.H.	BERGEN OZ
	CEN02	+CHESTER- FIELD LIGHTS	KS F	BOX	P.M.G.	MUNICH
	FOR01	+FORTUNA	KS F	BOX	P.M.G.	MUNICH
PR	GAYAC	GAULOISES BLONDES ULT.LEGERE	KS F	BOX	S.E.I.T.A	
PR	GNXDC	GOLDEN AMERICAN	KS F	BOX	TURMAC INT	
	MLB15	+MARLBORO K.S.	KS F	BOX	P.M.B.	IXELLES
	MLB20	+MARLBORO KING SIZE	KS F	BOX	P.M.H.	BERGEN OZ
	MLK40	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	BERLIN
	MLK40	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	MUNICH
	MX06	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MLX01	+MARLBORO LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	MLI05	+MARLBORO MENTHOL LIGHTS	KS F	BOX	P.M.G.	MUNICH
	MLH01	+MARLBORO 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MER14	+MERIT	KS F	BOX	P.M.G.	MUNICH
	MPH15	+MULTI- FILTER 100'S	100 F	SOF	P.M.G.	MUNICH
	MAC14	+MURATTI AMBASSADOR EXTRA M.	KS F	BOX	P.M.B.	IXELLES
	MAJ03	+MURATTI AMBASSADOR	KS F	BOX	P.M.B.	IXELLES
	PHS02	+PHILIP MORRIS 100 SUPER L.	100 F	BOX	P.M.H.	BERGEN OZ
	PHU01	+PHILIP MORRIS 100 ULTRA L.	100 F	BOX	P.M.G.	MUNICH
	PMB03	+PHILIP MORRIS	KS F	BOX	P.M.G.	MUNICH
	PML04	+PHILIP MORRIS LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	PMS01	+PHILIP MORRIS SUPER L.	KS F	BOX	P.M.G.	MUNICH
	PMU08	+PHILIP MORRIS ULTRA LGTS	KS F	BOX	P.M.G.	MUNICH
DB GERMANY						
	BNFMC	BENSON & HEDGES	KS F	BOX	BAT DB	
	CNGAC	CABINET WURZIG 100'S	100 F	BOX	REEMTSMA	
	CNJAC	CABINET WURZIG	KS F	BOX	REEMTSMA	
	CAKFC	CAMEL	KS F	BOX	REYNOLDS	
	CAMAC	CAMEL LIGHTS	KS F	BOX	REYNOLDS	
	CEG06	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
	CUBAC	CLUB	KS F	SOF	REYNOLDS	
	ERBAC	ERNTE 23	KS F	BOX	REEMTSMA	

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
DB GERMANY					
EVL02	+EVE 120 LIGHTS	120 F	BOX	LICENSEE	MB BERLIN
FFF01	+F 6	LS F	SOFT N	P.M.G.	DRESDEN
FFG01	+F6 100'S	100 F	SOF	P.M.G.	DRESDEN
GBAJC	GAULOISES BLONDES	KS F	BOX	BAT DB	
GNXBC	GOLDEN AMERICAN	KS F	BOX	TURMAC INT	
GOHAC	GOLDEN AMERICAN 100'S	100 F	BOX	BRINKMANN	
HBKAC	HB	KS F	BOX	BAT DB	
HBNAC	HB LIGHTS	KS F	BOX	BAT DB	
JUW10	+JUWEL	LS F	SOFT N	P.M.G.	DRESDEN
JUV01	+JUWEL 72	KS F		P.M.G.	DRESDEN
KAF01	+KARO	KS F		P.M.G.	DRESDEN
KAR02	+KARO	REG NF	SOFT N	P.M.G.	DRESDEN
KIHAC	KIM	100 F	BOX	BAT DB	
LMF04	+L & M	KS F	BOX	P.M.G.	MUNICH
LMK07	+L & M	KS F	BOX	P.M.G.	BERLIN
LMK07	+L & M	KS F	BOX	P.M.G.	MUNICH
LMD01	+L & M LIGHTS	KS F	BOX	P.M.G.	MUNICH
LMX01	+L & M 100 S	100 F	BOX	P.M.G.	BERLIN
LDBAC	LORD EXTRA	KS F	BOX	BRINKMANN	
LSBBC	LUCKY STRIKE	KS F	BOX	BAT DB	
MLK37	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	BERLIN
MLK37	+MARLBORO KING SIZE	KS F	BOX	P.M.G.	MUNICH
MHL01	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.G.	BERLIN
MLX12	+MARLBORO LIGHTS	KS F	BOX	P.M.G.	BERLIN
MLX12	+MARLBORO LIGHTS	KS F	BOX	P.M.G.	MUNICH
MLI01	+MARLBORO MENTHOL LIGHTS	KS F	BOX	P.M.G.	MUNICH
MLN05	+MARLBORO MENTHOL	KS F	BOX	P.M.G.	BERLIN
MLN05	+MARLBORO MENTHOL	KS F	BOX	P.M.G.	MUNICH
MHC09	+MARLBORO 100'S	100 F	SOF	P.M.G.	BERLIN
MER14	+MERIT	KS F	BOX	P.M.G.	MUNICH
PR MOBAC	MONTE CARLO 100'S	100 F	SOF	REYNOLDS	
MPI04	+MULTI DE LUXE	100 F	BOX	P.M.G.	MUNICH
PBLAC	PALL MALL	KS F	BOX	BAT DB	
PLC01	+PARLIAMENT LIGHTS 100'S	100 F	BOX	P.M.G.	MUNICH
PSKBC	PETER STUYVESANT	KS F	BOX	REEMTSMA	
PMT02	+PHILIP MORRIS LIGHT	KS F	BOX	P.M.G.	BERLIN
PMU05	+PHILIP MORRIS ULTRA	KS F	BOX	P.M.G.	MUNICH
PRDAC	PRINCE OF DENMARK	KS F	SOF	SKANDIN.T.	
RMEAC	R 1	KS F	BOX	REEMTSMA	
RMRAE	R6	KS F	BOX	REEMTSMA	
WSTAC	WEST	KS F	BOX	REEMTSMA	
WSXAC	WEST LIGHTS	KS F	BOX	REEMTSMA	
WSSAC	WEST 100	100 F	SOF	REEMTSMA	
GR GREECE					
LMY01	+L & M	KS F	BOX	P.M.G.	MUNICH
MLK02	+MARLBORO KING SIZE	KS F	BOX	LICENSEE	PAP PIREUS
MX12	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.G.	MUNICH

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
GR GREECE						
	MLX06	+MARLBORO LIGHTS	KS F	BOX	LICENSEE	PAP PIREUS
	MHC06	+MARLBORO 100'S	100 F	BOX	P.M.G.	MUNICH
	MHC11	+MARLBORO 100'S	100 F	BOX	LICENSEE	PAP PIREUS
	MAJ03	+MURATTI AMBASSADOR	KS F	BOX	P.M.B.	IXELLES
	PMS06	+PHILIP MORRIS SUPER L.	KS F	BOX	P.M.H.	BERGEN OZ
GA GUINEA						
	CON01	+CONGRESS	LS F	BOX	PM-BRAZIL	CURITIBA
	LMN03	+L & M	LS F	BOX	PM-BRAZIL	CURITIBA
HU HUNGARY						
	MLK51	+MARLBORO	KS F	BOX	EGRI DOHAN	EGER
	MHX13	+MARLBORO LIGHTS 100'S	100 F	BOX	FTR-O	SERRIERES
	MLL14	+MARLBORO LIGHTS	KS F	SOF	EGRI DOHAN	EGER
	MLG04	+MARLBORO 100'S	100 F	BOX	EGRI DOHAN	EGER
	MPH19	+MULTI- FILTER 100'S	100 F	SOF	EGRI DOHAN	EGER
	MPM01	+MULTI- FILTER	KS F	SOF	EGRI DOHAN	EGER
	MAK05	+MURATTI AMBASSADOR KING SIZE	KS F	SOF	FTR-O	SERRIERES
EI IRELAND						
	RAH05	+RAFFLES 100'S	100 F	BOX	LICENSEE	CARROLL
IL ISRAEL						
	CAKOC	CAMEL	KS F	BOX	REYNOLDS	
IT ITALY						
	CAKIC	CAMEL	KS F	BOX	REYNOLDS	
	CCDAC	CAMEL EXTRA LIGHTS	KS F	BOX	REYNOLDS	
	CACBC	CAMEL LIGHTS	KS F	BOX	REYNOLDS	
	CBKAC	CAMEL LIGHTS 100'S	100 F	BOX	REYNOLDS	
	CASBC	CAMEL NON FILTER	REG NF	SOF	REYNOLDS	
	CPIDC	CAPRI	100 F	BOX	BAT DB	
	CPHAC	CAPRI MENTHOL	100 F	BOX	BAT DB	
	CPKAC	CAPRI SUPER- LEGGERA	100 F	BOX	BAT DB	
	CAIAC	CARTIER LUXURY MILD	100 F	PRINC	ROTHMANS	
	CBCAC	CARTIER VENDOME	100 F	BOX	ROTHMANS	
	CEG04	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
	CEN03	+CHESTER- FIELD LIGHTS	KS F	BOX	P.M.G.	MUNICH
	CTAAC	CORTINA ULTRA LIGHTS	KS F	BOX	BAT DB	
	DIK01	+DIANA	KS F	SOF	LICENSEE	MTI ROVERE

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
IT ITALY						
	DIK01	+DIANA	KS F	SOF	LICENSEE	MTI VERONA
	DIK01	+DIANA	KS F	SOF	LICENSEE	MTI MODENA
	DIS01	+DIANA SPECIALLY MILD	KS F	SOF	LICENSEE	MTI MODENA
	FUTAC	FUTURA	KS F	BOX	MONITAL	
	KIHBC	KIM LEGGERA	100 F	BOX	BAT DB	
	KIOAC	KIM SUPER- LEGGERA	100 F	BOX	B.A.T.	
	KIDAC	KIM ULTRA SLIM	100 F	BOX	BAT DB	
	LMK08	+L & M	KS F	BOX	P.M.G.	MUNICH
	LAG01	+LARK	KS F	BOX	P.M.G.	MUNICH
	LLOAC	LIDO TRIPLO FILTRO	KS F	SOF	MONITAL	
	LLBAC	LIDO BLU EXTRA MILD	KS F	BOX	MONITAL	
	LNLAC	LINDA LEGGERA	KS F	BOX	MONITAL	
	LNCAC	LINDA PLURI- FILTER	KS F	BOX	MONITAL	
	LSAAC	LUCKY STRIKE LIGHTS	KS F	BOX	B.A.T.	
	LSKAC	LUCKY STRIKE	KS F	BOX	B.A.T.	
	LSPAC	LUCKY STRIKE	REG NF	SOF	B.A.T.	
	MLB13	+MARLBORO K.S.	KS F	BOX	P.M.H.	BERGEN OZ
	MLB15	+MARLBORO K.S.	KS F	BOX	P.M.B.	IXELLES
	MLK01	+MARLBORO KING SIZE	KS F	SOF	LICENSEE	MTI BOLOGN
	MLK01	+MARLBORO KING SIZE	KS F	BOX	LICENSEE	MTI MODENA
	MLK30	+MARLBORO KING SIZE	KS F	SOF	P.M.G.	MUNICH
	MHX14	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MLX02	+MARLBORO LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	MLX05	+MARLBORO LIGHTS	KS F	BOX	P.M.G.	MUNICH
	MLH02	+MARLBORO 100'S	100 F	SOF	P.M.H.	BERGEN OZ
	MEK03	+MERCEDES	KS F	BOX	LICENSEE	MTI FIRENZ
	MED06	+MERCEDES SPECIALLY MILD	100 F	BOX	P.M.B.	IXELLES
	MER15	+MERIT	KS F	BOX	P.M.G.	MUNICH
	MER19	+MERIT	KS F	BOX	P.M.H.	BERGEN OZ
	MEG01	+MERIT ULTRA LGTS 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MEU03	+MERIT ULTRA LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	MEH04	+MERIT 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MSDDC	MILDE SORTE	KS F	BOX	AUSTRIA T.	
	MSIAC	MS INTERNAT.	100 F	PRINC	MONITAL	
	MSSAC	MS KING SIZE	KS F	SOF	MONITAL	
	MSQAC	MS LIGHTS	KS F	BOX	MONITAL	
	MSNAC	MS MUNDIAL	KS F	BOX	MONITAL	
	MSVAC	MS EXTRALIGHTS	KS F	BOX	MONITAL	
	MRXBC	MS BLU	KS F	BOX	MONITAL	
	MSPAC	MS MILD	KS F	SOF	MONITAL	
	MSWAC	MS 100'S DE LUXE	100 F	BOX	MONITAL	
	MPD04	+MULTI- FILTER ULTRA LTS	100 F	BOX	P.M.G.	MUNICH
	MPH02	+MULTI- FILTER 100'S	100 F	SOF	P.M.H.	BERGEN OZ
	MPH11	+MULTI- FILTER 100'S	100 F	SOF	P.M.G.	MUNICH
	MPS02	+MULTI- FILTER 100'S E.L.	100 F	SOF	P.M.H.	BERGEN OZ
	MPS03	+MULTI- FILTER 100'S E.L.	100 F	SOF	P.M.G.	MUNICH
	MPT02	+MULTIFILT. LIGHTS 100'S	100 F	BOX	P.M.G.	MUNICH
	MAC12	+MURATTI AMBASSADOR EXTRA M.	KS F	BOX	P.M.H.	BERGEN OZ
	MAC14	+MURATTI AMBASSADOR EXTRA M.	KS F	BOX	P.M.B.	IXELLES
	MAJ03	+MURATTI AMBASSADOR	KS F	BOX	P.M.B.	IXELLES

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
IT ITALY					
MAK01	+MURATTI AMBASSADOR KING SIZE	KS F	SOF	LICENSEE	MTI ROVERE
MAL01	+MURATTI AMBASSADOR ULTRA M.	KS F	BOX	P.M.H.	BERGEN OZ
MAL02	+MURATTI AMBASSADOR ULTRA M.	KS F	BOX	P.M.B.	IXELLES
NNFAC	N 80 FILTRO	KS F	SOF	MONITAL	
NAGAC	NAZIONALI	KS F	SOF	MONITAL	
NOQAC	NOW	KS F	BOX	REYNOLDS	
PHS01	+PHILIP MORRIS 100 SUPER L.	100 F	BOX	P.M.H.	BERGEN OZ
PHU02	+PHILIP MORRIS 100 ULTRA L.	100 F	BOX	P.M.G.	MUNICH
PMA03	+PHILIP MORRIS LGTS EXTRA	KS F	BOX	P.M.G.	MUNICH
PMB05	+PHILIP MORRIS	KS F	BOX	P.M.H.	BERGEN OZ
PME01	+PHILIP MORRIS LIGHTS	100 F	BOX	P.M.G.	MUNICH
PMQ01	+PHILIP MORRIS SUP.LIGHTS	100 F	BOX	P.M.G.	MUNICH
PMS07	+PHILIP MORRIS SUPER L.	KS F	BOX	P.M.H.	BERGEN OZ
PMU07	+PHILIP MORRIS ULTRA LGTS	KS F	BOX	P.M.G.	MUNICH
RAH05	+RAFFLES 100'S	100 F	BOX	LICENSEE	CARROLL
RTKPC	ROTHMANS KING SIZE	KS F	BOX	TURMAC INT	
RTZAC	ROTHMANS LEGGERA	100 F	BOX	TURMAC INT	
RTQCC	ROTHMANS SPECIAL	KS F	BOX	TURMAC INT	
RTEAC	ROTHMANS SUPER- LEGGERA	100 F	BOX	TURMAC INT	
RTWAC	ROTHMANS ULTRA- LEGGERA	100 F	BOX	TURMAC INT	
RMDBC	R1 SLIM LINE	100 F	BOX	REEMTSMA	
RMRBC	R6	KS F	BOX	REEMTSMA	
RMVBC	R6 ULTRA	KS F	BOX	REEMTSMA	
IC IVORY COAST					
MLF31	+MARLBORO	LS F	BOX	LICENSEE	SITAB
KW KUWAIT					
CON02	+CONGRESS	LS F	BOX	FTR-O	SERRIERES
COL01	+CONGRESS LIGHTS	LS F	BOX	FTR-O	SERRIERES
RL LEBANON					
CEDBC	CEDARS	100 F	SOF	MISCELLAN.	
CEH01	+CHESTER- FIELD 100'S	100 F	SOF	PMI US-EXP	RICHMOND
CEK11	+CHESTER- FIELD	KS F	SOF	PMI US-EXP	RICHMOND
LSKBC	LUCKY STRIKE	KS F	SOF	B.A.T.	
MLF49	+MARLBORO	LS F	BOX	PMI US-EXP	RICHMOND
MLX17	+MARLBORO LIGHTS	KS F	BOX	PMI US-EXP	RICHMOND
VCXBC	VICEROY	LS F	BOX	BRWN+WILAM	
VCYDC	VICEROY KING SIZE	KS F	BOX	BRWN+WILAM	
WIKNC	WINSTON	KS F	SOF	REYNOLDS	
WIJAC	WINSTON LIGHTS 100'S	100 F	SOF	REYNOLDS	

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
MA MALTA						
	MLB24	+MARLBORO	KS F	BOX	LICENSEE	ATW MALTA
	MAK05	+MURATTI AMBASSADOR KING SIZE	KS F	SOF	FTR-O	SERRIERES
	PMS03	+PHILIP MORRIS SUPER L.	KS F	BOX	FTR-O	SERRIERES
MU MAURITANIA						
	LMN03	+L & M	LS F	BOX	PM-BRAZIL	CURITIBA
MO MOROCCO						
	BSNAC	BEST LUXURY BLEND	LS F	BOX	REGIE/MARO	
	CBEAC	CASA SPORTS NON FILTRE	REG NF	SOFT N	REGIE/MARO	
	CATAC	CASA SPORT OLYMPIC BLEUE	REG F	SOF	REGIE/MARO	
	MLF43	+MARLBORO	LS F	BOX	PMI US-EXP	RICHMOND
	MRQAC	MARQUISE	KS F	SOF	REGIE/MARO	
	MRWAC	MARVEL	KS F	SOF	REGIE/MARO	
	WIKIC	WINSTON	KS F	SOF	REYNOLDS	
NL NETHERLANDS						
	BEKAC	BELINDA	KS F	SOF	BAT NL	
	BEJAC	BELINDA SUPER KINGS	100 F	SOF	BAT NL	
	CBFAC	CABALLERO	KS F	SOF	LAURENS NL	
	CAKCC	CAMEL	KS F	SOF	REYNOLD NL	
	CAHDC	CAMEL MILD	KS F	BOX	REYNOLD NL	
	CEG06	+CHESTER- FIELD	KS F	BOX	P.M.G.	MUNICH
	CER07	+CHESTER- FIELD NON FILTER	REG NF	SOF	CONTR.MAN	LAURENS
	DHFLC	DUNHILL	KS F	BOX	TURMAC INT	
	GBAGC	GAULOISES BLONDES	KS F	BOX	TURMAC INT	
	GMFAC	GLADSTONE MILD	KS F	SOF	BAT NL	
	HUK03	+HUNTER	KS NF	SOF	CONTR.MAN	JUBILE
	LMY01	+L & M	KS F	BOX	P.M.G.	MUNICH
	LSKEC	LUCKY STRIKE	KS F	BOX	BAT NL	
	MNFAC	MANTANO	KS F	SOF	BAT NL	
	MLB20	+MARLBORO KING SIZE	KS F	BOX	P.M.H.	BERGEN OZ
	MHX06	+MARLBORO LIGHTS 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MLX01	+MARLBORO LIGHTS	KS F	BOX	P.M.H.	BERGEN OZ
	MLI05	+MARLBORO MENTHOL LIGHTS	KS F	BOX	P.M.G.	MUNICH
	MLN07	+MARLBORO MENTHOL	KS F	BOX	P.M.B.	IXELLES
	MLH01	+MARLBORO 100'S	100 F	BOX	P.M.H.	BERGEN OZ
	MEC03	+MERCEDES	KS F	SOF	CONTR.MAN	JUBILE
	MER20	+MERIT	KS F	BOX	P.M.H.	BERGEN OZ
	MAJ03	+MURATTI AMBASSADOR	KS F	BOX	P.M.B.	IXELLES
	PSECC	PETER STUYVESANT EXTRA M.	KS F	SOF	TURMAC INT	
	PSKAC	PETER STUYVESANT	KS F	SOF	TURMAC INT	
	PML02	+PHILIP MORRIS LIGHTS	KS F	BOX	P.M.B.	IXELLES
	PMR03	+PHILIP MORRIS NON FILTER	REG NF	SOF	CONTR.MAN	JUBILE

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
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NL NETHERLANDS

PMS06		+PHILIP MORRIS SUPER L.	KS	F BOX	P.M.H.	BERGEN OZ
PMU08		+PHILIP MORRIS ULTRA LGTS	KS	F BOX	P.M.G.	MUNICH
RAH05		+RAFFLES 100'S	100	F BOX	LICENSEE	CARROLL
RMUAC		ROXY DUAL EXTRA LIGHT	KS	F SOF	NIEMEYER	
RODAC		ROXY DUAL MILD	KS	F SOF	NIEMEYER	
RUF04		+RUNNER	KS	F SOF	CONTR.MAN	JUBILE
RUM03		+RUNNER MENTHOL	KS	F SOF	CONTR.MAN	JUBILE
RUP03		+RUNNER NON-FILTER	KS	NF SOF	CONTR.MAN	JUBILE
TVNAC		TIVOLI VERY MILD	KS	F SOF	LAURENS NL	
WIKQC		WINSTON	KS	F BOX	REYNOLD NL	

WN NIGERIA

GRM01		+GREEN SPOT MENTHOL	LS	F SOF	P.M.N.	ILORIN
LIF01		+LINK	LS	F SOFT N	P.M.N.	ILORIN
LIP01		+LINK NON FILTER	LS	NF SOFT N	P.M.N.	ILORIN
TGF01		+TARGET	KS	F BOX	P.M.N.	ILORIN

NO NORWAY

BAXIC		BARCLAY	KS	F BOX	SUOMEN TUP	
BINAC		BILTMORE FULL FLAVOR	KS	F BOX	TIEDEMANNS	
BIOAC		BILTMORE LIGHT	KS	F BOX	TIEDEMANNS	
CARNC		CAMEL	KS	F BOX	REYNOLD CH	
CCDBC		CAMEL EXTRA LIGHTS	KS	F BOX	REYNOLD CH	
CAMEC		CAMEL LIGHTS	KS	F BOX	REYNOLD CH	
DHQBC		DUNHILL SPECIAL LIGHT	KS	F BOX	SULLANA	
LMO01		+L & M FULL FLAVOR	KS	F BOX	FTR-O	SERRIERES
LSBDC		LUCKY STRIKE	KS	F BOX	SUOMEN TUP	
MLK15		+MARLBORO KING SIZE	KS	F BOX	FTR-O	SERRIERES
MLY04		+MARLBORO LIGHTS	KS	F BOX	FTR-O	SERRIERES
MLI03		+MARLBORO MENTHOL LIGHTS	KS	F BOX	FTR-O	SERRIERES
MER13		+MERIT	KS	F BOX	FTR-O	SERRIERES
MEW01		+MERIT MENTHOL ULTRA L.	KS	F BOX	FTR-O	SERRIERES
PBEAC		PALL MALL EXTRA MILD	KS	F BOX	SUOMEN TUP	
PBMAC		PALL MALL MILD	KS	F BOX	SUOMEN TUP	
PMM04		+PHILIP MORRIS MULTIFILT.	KS	F BOX	FTR-O	SERRIERES
PCBAC		PRINCE	KS	F BOX	TIEDEMANNS	
PCOAC		PRINCE EXTRA MILD	KS	F BOX	TIEDEMANNS	
PCMAC		PRINCE MILD	KS	F BOX	TIEDEMANNS	

PL POLAND

CON01		+CONGRESS	LS	F BOX	PM-BRAZIL	CURITIBA
LMK21		+L & M	KS	F BOX	FTR-O	SERRIERES
LMN03		+L & M	LS	F BOX	PM-BRAZIL	CURITIBA
MLK49		+MARLBORO KING SIZE	KS	F SOF	LICENSEE	KRAKOW

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
PO PORTUGAL					
MLX23	+MARLBORO LIGHTS	KS F	BOX	P.M.B.	IXELLES
QU QATAR					
JUBEC	JUBILEE	KS F	BOX	ROTHMANS	
RE REUNION					
MLB12	+MARLBORO KING SIZE	KS F	BOX	LICENSEE	CORETAB
SU RUSSIA					
BSK04	+BOND STREET	KS F	SOF	MASSALIN	MERLO
CON01	+CONGRESS	LS F	BOX	PM-BRAZIL	CURITIBA
LMN03	+L & M	LS F	BOX	PM-BRAZIL	CURITIBA
MLX30	+MARLBORO LIGHTS	KS F	BOX	FTR-O	SERRIERES
SI SAUDI ARABIA					
BAXHC	BARCLAY	KS F	BOX	BRWN+WILAM	
BBNBC	BARCLAY ULTRA LIGHTS	KS F	BOX	BRWN+WILAM	
BBABC	BARCLAY 100'S	100 F	BOX	BRWN+WILAM	
BNFEC	BENSON & HEDGES SPECIAL F.	KS F	BOX	GALLAHER	
CAYAC	CARLTON 100'S	100 F	BOX	AMERICAN T	
CBCHC	CARTIER VENDOME LIGHTS	100 F	BOX	ROTHMANS	
CHOAC	CHAMPION MILD MENTHOL	KS F	SOF	FORTUNE TO	
CLPDC	CLEOPATRA	KS F	SOF	EASTERN TO	
CLQCC	CLEOPATRA 100'S	100 F	SOF	EASTERN TO	
DHFMC	DUNHILL	KS F	BOX	ROTHMANS	
DHQCC	DUNHILL SPECIAL LIGHTS	KS F	BOX	ROTHMANS	
GAEAC	GALLANT EXPORT	KS F	BOX	BURRUS CH	
GACAC	GALLANT MILD	KS F	BOX	BURRUS CH	
GOZCC	GOLD COAST	LS F	BOX	REYNOLDS	
GLYAC	GOLD COAST LIGHTS	LS F	BOX	REYNOLD CH	
GPAAC	GOLD COAST ULTRA LIGHTS	LS F	BOX	REYNOLDS	
HORAC	HOPE 100'S MENTHOL	100 F	SOF	FORTUNE TO	
KAMAC	KAMARAN	KS F	BOX	N T M C	
KEKHC	KENT KING SIZE	KS F	BOX	LORILLARD	
KEDDC	KENT LIGHTS DE LUXE	100 F	SOF	BRWN+WILAM	
LMB16	+L & M	LS F	BOX	PMI US-EXP	RICHMOND
LMA01	+L & M LIGHTS	KS F	BOX	PMI US-EXP	RICHMOND
LMM01	+L & M MENTHOL LONGS	100 F	SOF	PMI US-EXP	RICHMOND
LODCC	LONDON	KS F	BOX	ST PAUL'S	
MLF28	+MARLBORO	LS F	BOX	PMI US-EXP	RICHMOND
MLK36	+MARLBORO KING SIZE	KS F	SOF	PMI US-EXP	RICHMOND
MLX04	+MARLBORO LIGHTS	KS F	BOX	PMI US-EXP	RICHMOND

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD.CENTER
SI SAUDI ARABIA					
MLH08	+MARLBORO 100'S	100 F	SOF	PMI US-EXP	RICHMOND
MER22	+MERIT KING SIZE	KS F	BOX	PMI US-EXP	RICHMOND
MEZ02	+MERIT ULTRA LIGHTS	KS F	BOX	PMI US-EXP	RICHMOND
MISAC	MILD SEVEN CHARCOAL	KS F	BOX	JAPAN MONP	
PGLAC	PLAYER'S GOLD LEAF	KS F	BOX	B.A.T.	
RGLAC	REGAL LOW TAR	KS F	BOX	IMPERIAL T	
RTKFC	ROTHMANS	KS F	BOX	ROTHMANS	
RTYBC	ROTHMANS LIGHTS	KS F	BOX	ROTHMANS	
SIJIC	SILK CUT EXTRA MILD	KS F	BOX	GALLAHER	
SHKAC	SILK CUT SUPER LOW	KS F	BOX	GALLAHER	
SIFEC	SILK CUT ULTRA LOW TAR	KS F	BOX	GALLAHER	
VCYBC	VICEROY	KS F	BOX	BRWN+WILAM	
VCPAC	VICEROY LIGHTS	KS F	BOX	BRWN+WILAM	
VAF02	+VISA	LS F	BOX	FTR-O	SERRIERES
VAL02	+VISA LIGHTS	LS F	BOX	FTR-O	SERRIERES
WIKRC	WINSTON KING SIZE	KS F	SOF	REYNOLDS	
SN SENEGAL					
MLF47	+MARLBORO	LS F	BOX	LICENSEE	M T O A
ES SPAIN					
CEB08	+CHESTER- FIELD	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
CEK08	+CHESTER- FIELD	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
CEL02	+CHESTER- FIELD LIGHTS	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
CER08	+CHESTER- FIELD NON FILTER	REG NF	SOF	P.M.ESPANA	PM ST-CRUZ
LAB03	+LARK	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MLF55	+MARLBORO	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MLF62	+MARLBORO	LS F	BOX	LICENSEE	TABACA LOG
MLK45	+MARLBORO KING SIZE	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
MLL10	+MARLBORO LIGHTS	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MLX18	+MARLBORO LIGHTS	KS F	SOF	P.M.ESPANA	PM ST-CRUZ
MEQ05	+MERIT	LS F	BOX	P.M.ESPANA	PM ST-CRUZ
MT SULTANATE OF OMAN					
CBBBC	CAPSTAN	KS F	BOX	B.A.T.	
STBIC	555 STATE EXPRESS	KS F	BOX	B.A.T.	
SW SWEDEN					
BAXFC	BARCLAY	KS F	BOX	SWEDISH TO	
BLDAC	BLEND	LS F	BOX	SWEDISH TO	
BLEAC	BLEND EXTRA	LS F	BOX	SWEDISH TO	
BLRAC	BLEND SUPERLONG	100 F	BOX	SWEDISH TO	

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ALPHABETICAL INDEX ACCORDING BRAND NAME

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
SW SWEDEN					
BLGAC	BLEND ULTRA	LS F	BOX	SWEDISH TO	
BLIAC	BLEND ULTRA MENTHOL	LS F	BOX	SWEDISH TO	
BLKAC	BLEND ULTIMA	LS F	BOX	SWEDISH TO	
BDR01	+BOND	LS F	BOX	FTR-O	ONNENS
BDY01	+BOND MILD	LS F	BOX	FTR-O	ONNENS
BDN01	+BOND ULTRA MILD MENTHOL	LS F	BOX	FTR-O	ONNENS
BDU01	+BOND ULTRA MILD	LS F	BOX	FTR-O	ONNENS
CABKC	CAMEL	LS F	BOX	REYNOLD CH	
CCHBC	CAMEL EXTRA LIGHTS	LS F	BOX	REYNOLDS	
CACEC	CAMEL LIGHTS	LS F	BOX	REYNOLD CH	
CRM02	+CHECKER MENTHOL	LS F	BOX	FTR-O	ONNENS
CEK04	+CHESTER- FIELD NON FILTER	KS NF	SOF	LICENSEE	ATO HYRYLA
MLE01	+MARLBORO	LS F	BOX	FTR-O	SERRIERES
MLK15	+MARLBORO KING SIZE	KS F	BOX	FTR-O	SERRIERES
MLY04	+MARLBORO LIGHTS	KS F	BOX	FTR-O	SERRIERES
MLI03	+MARLBORO MENTHOL LIGHTS	KS F	BOX	FTR-O	SERRIERES
MLH04	+MARLBORO 100'S	100 F	BOX	FTR-O	SERRIERES
MER13	+MERIT	KS F	BOX	FTR-O	SERRIERES
PML03	+PHILIP MORRIS LIGHTS	KS F	BOX	FTR-O	SERRIERES
PMM04	+PHILIP MORRIS MULTIFILT.	KS F	BOX	FTR-O	SERRIERES
PCBBC	PRINCE	LS F	BOX	SWEDISH TO	
PCFBC	PRINCE	KS F	SOF	SWEDISH TO	
PCRAC	PRINCE EXTRA LIGHTS	LS F	BOX	SWEDISH TO	
PCGAC	PRINCE LIGHTS	KS F	SOF	SWEDISH TO	
PCKAC	PRINCE LIGHTS	LS F	BOX	SWEDISH TO	

CH SWITZERLAND

ALF01	+ARLETTE	LS F	SOFT N	FTR-O	SERRIERES
BAXBC	BARCLAY	KS F	BOX	BAT CH	
BBNAC	BARCLAY ULTRA LIGHTS	KS F	BOX	BAT CH	
BBAAC	BARCLAY 100'S	100 F	BOX	BAT CH	
BRF02	+BRUNETTE	LS F	SOFT N	FTR-O	SERRIERES
BRP01	+BRUNETTE	LS NF	SOFT N	FTR-O	ONNENS
BRD01	+BRUNETTE DOUBLE FILTRE	LS F	SOFT N	FTR-O	SERRIERES
BRM01	+BRUNETTE DOUCE	LS F	SOFT N	FTR-O	ONNENS
BRE01	+BRUNETTE EXTRA	LS F	SOFT N	FTR-O	SERRIERES
BRU01	+BRUNETTE ULTRA	LS F	SOFT N	FTR-O	ONNENS
CAKBC	CAMEL	KS F	SOF	REYNOLD CH	
CACAC	CAMEL LIGHTS	KS F	BOX	REYNOLD CH	
BYDBC	CAMEL 100'S	100 F	BOX	REYNOLD CH	
CAHBC	CAMEL MILD	KS F	BOX	REYNOLD CH	
PR CCPAC	CARTIER VENDOME ULTRA LGTS	100 F	BOX	SULLANA	
CHF01	+CHAMPION	LS F	SOF	FTR-O	ONNENS
CEG14	+CHESTER- FIELD	KS F	BOX	FTR-O	SERRIERES
CEN01	+CHESTER- FIELD LIGHTS	KS F	BOX	FTR-O	SERRIERES
DIK04	+DIANA	KS F	SOF	FTR-O	SERRIERES
DHVDC	DUNHILL INTERNAT.	100 F	PRINC	SULLANA	
EVR01	+EVE 100'S	100 F	SOF	PMI US-EXP	RICHMOND

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S.	CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
CH SWITZERLAND						
EVL03		+EVE 120'S	120 F	BOX	PMI US-EXP	RICHMOND
FLI02		+FLINT	LS F	SOFT N	FTR-O	SERRIERES
FLL02		+FLINT ULTRA	LS F	SOFT N	FTR-O	ONNENS
FLT02		+FLINT NO.3	LS F	SOFT N	FTR-O	ONNENS
GAZEC		GAULOISES BLONDES LEGERES	KS F	BOX	RINSOZ & O	
GBACC		GAULOISES BLONDES	KS F	BOX	RINSOZ & O	
GBSCC		GAULOISES BLEU NON FILTRE	REG NF	SOFT N	RINSOZ & O	
GJFAC		GAULOISES JAUNE	REG F	SOFT N	RINSOZ & O	
LMO01		+L & M FULL FLAVOR	KS F	BOX	FTR-O	SERRIERES
LAG01		+LARK	KS F	BOX	P.M.G.	MUNICH
LSBEC		LUCKY STRIKE	KS F	BOX	BAT	CH
LSMAC		LUCKY STRIKE MILD	KS F	BOX	BAT	CH
MLK15		+MARLBORO KING SIZE	KS F	BOX	FTR-O	SERRIERES
MX13		+MARLBORO LIGHTS 100'S	100 F	BOX	FTR-O	SERRIERES
MLX30		+MARLBORO LIGHTS	KS F	BOX	FTR-O	SERRIERES
MLI02		+MARLBORO MENTHOL LIGHTS	KS F	BOX	FTR-O	SERRIERES
MLH04		+MARLBORO 100'S	100 F	BOX	FTR-O	SERRIERES
MCLBC		MAROCAINE AROMA MILD	LS F	SOFT N	BAT	CH
MCEAC		MAROCAINE EXTRA	LS F	SOFT N	BAT	CH
MCSAC		MAROCAINE SUPER	LS F	SOFT N	BAT	CH
MYGAC		MARYLONG	LS F	SOFT N	BAT	CH
MYAAC		MARYLONG DOUCE	LS F	SOFT N	BAT	CH
MYHAC		MARYLONG DOUBLE FILTRE	LS F	SOFT N	BAT	CH
MYCAC		MARYLONG EXTRA	LS F	SOFT N	BAT	CH
MYBAC		MARYLONG NO 1	LS F	SOFT N	BAT	CH
MEK04		+MERCEDES	KS F	SOF	FTR-O	SERRIERES
MER13		+MERIT	KS F	BOX	FTR-O	SERRIERES
MEZ03		+MERIT ULTRA LIGHTS	KS F	BOX	FTR-O	SERRIERES
MSK01		+MS	KS F	SOF	FTR-O	SERRIERES
MPH13		+MULTI- FILTER 100'S	100 F	SOF	FTR-O	SERRIERES
MPS06		+MULTI- FILTER 100'S E.L.	100 F	SOF	FTR-O	SERRIERES
MAK08		+MURATTI AMBASSADOR KING SIZE	KS F	SOF	FTR-O	SERRIERES
MAG02		+MURATTI EXTRA	KS F	BOX	FTR-O	SERRIERES
MAT01		+MURATTI EXTRA 100'S	100 F	BOX	FTR-O	SERRIERES
MAO01		+MURATTI LIGHTS	KS F	BOX	FTR-O	SERRIERES
MAB01		+MURATTI 2000	KS F	BOX	FTR-O	SERRIERES
MAH01		+MURATTI 2000 EXTRA LONGS	100 F	BOX	FTR-O	SERRIERES
NPF01		+NORTH POLE MENTHOL	LS F	SOF	FTR-O	SERRIERES
PAUAC		PARISIENNE EXTRA	KS F	SOF	BURRUS	CH
PAGAC		PARISIENNE MILD	KS F	SOF	BURRUS	CH
PASAC		PARISIENNE SUPER	KS F	SOF	BURRUS	CH
PATAC		PARISIENNE SPECIAL FILTRE	KS F	SOF	BURRUS	CH
PLL02		+PARLIAMENT	LS F	BOX	PMI US-EXP	RICHMOND
PLL03		+PARLIAMENT 100'S	100 F	SOF	PMI US-EXP	RICHMOND
PHS05		+PHILIP MORRIS 100 SUPER L.	100 F	BOX	FTR-O	SERRIERES
PHU03		+PHILIP MORRIS ULTRA LGTS	100 F	BOX	FTR-O	SERRIERES
PMK03		+PHILIP MORRIS NON FILTER	KS NF	SOF	FTR-O	SERRIERES
PMS03		+PHILIP MORRIS SUPER L.	KS F	BOX	FTR-O	SERRIERES
PMU06		+PHILIP MORRIS ULTRA LGTS	KS F	BOX	FTR-O	SERRIERES
RAH05		+RAFFLES 100'S	100 F	BOX	LICENSEE	CARROLL

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A L P H A B E T I C A L I N D E X A C C O R D I N G B R A N D N A M E

S. CODE	BRAND NAME	SIZE	PACK TYPE	MANUFACTUR	PROD. CENTER
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CH SWITZERLAND

REF02	+REGENT	KS F	SOF	FTR-O	SERRIERES
RMQAC	R6	KS F	BOX	REEMTSM.CH	
RMVCC	R6 ULTRA	KS F	BOX	REEMTSM.CH	
SAR01	+SARATOGA 120'S	120 F	BOX	PMI US-EXP	RICHMOND
SELAC	SELECT	KS F	SOF	BURRUS CH	
SEKAC	SELECT LIGHTS	KS F	SOF	BURRUS CH	
SEIAC	SELECT ULTRA	KS F	SOF	BURRUS CH	
STA04	+STAR	KS F	BOX	FTR-O	SERRIERES
VIT01	+VIRGINIA SLIMS LIGHTS	100 F	BOX	PMI US-EXP	RICHMOND
WSUEC	WEST	KS F	BOX	REEMTSM.CH	
WIBKC	WINSTON	KS F	BOX	REYNOLD CH	

TN TUNISIA

BOEAC	BOUSSETTA	REG NF	SOFT N	RNTA	
CRTAC	CRISTAL	KS F	SOF	BULGAR TAB	
ELKAC	EL KHADRA	REG F	SOFT N	RNTA	
LAH02	+LARK 100'S	100 F	SOF	PMI US-EXP	RICHMOND
MLF54	+MARLBORO	LS F	BOX	PMI US-EXP	RICHMOND
ROQAC	ROYALE EXTRA LONGUE	100 F	SOF	S.E.I.T.A	
MBGAC	20 MARS	KS F	SOF	RNTA	
MAQAC	20 MARS INTERNAT.	LS F	BOX	RNTA	

GB UNITED KINGDOM

MLB25	+MARLBORO KING SIZE	KS F	BOX	P.M.B.	IXELLES
MHX15	+MARLBORO LIGHTS 100'S	100 F		P.M.G.	MUNICH
MLX31	+MARLBORO LIGHTS	KS F	BOX	P.M.G.	MUNICH
MLX32	+MARLBORO LIGHTS	KS F	BOX	P.M.B.	IXELLES
MHC04	+MARLBORO 100'S	100 F	BOX	P.M.G.	MUNICH
RAH05	+RAFFLES 100'S	100 F	BOX	LICENSEE	ROTHMANS D

YU YUGOSLAVIA

BSK01	+BOND STREET	KS F	SOF	LICENSEE	SARAJEVO
CEG15	+CHESTER- FIELD	KS F	BOX	FTR-O	SERRIERES
MLK05	+MARLBORO KING SIZE	KS F	SOF	LICENSEE	SARAJEVO

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LISTING OF THE BRANDS

REGARDING THE OVERALL LISTING OF THE INFORMATION CONTAINED IN THE CIR, REFER TO THE YELLOW PAGES AT THE END OF THIS REPORT (LIST OF COUNTRIES OF SALE AND ALPHABETICAL INDEX OF THE BRANDS).

A BRAND MAY BE SOLD IN SEVERAL COUNTRIES. IN THIS CASE, THE CIR ONLY MENTIONS THE MOST IMPORTANT ONES UNDER THE BRAND CONCERNED.

EXEMPLE MLK15, MANUFACTURED BY FTR, APPEARS UNDER SWITZERLAND SWEDEN AND NORWAY WHEREAS THE SAME CIGARETTE IS ALSO SOLD IN LYBIA

HOWEVER, SOME PM AND COMPETITORS' BRANDS, WHICH ARE OF IMPORTANCE IN MORE THAN ONE COUNTRY OF SALE, ARE MENTIONED UNDER MORE THAN ONE COUNTRY OF SALE. THESE BRANDS ARE LISTED BELOW IN ALPHABETICAL ORDER ACCORDING TO THEIR BRAND NAME.

CODE	BRAND NAME	SIZE	MANUFACT.	PROD.CENTER	COUNTRIES OF SALE
ARH02	+ARMADA 100 S	GALION	100 F	P.M.H.	BERGEN OZ BE FR
ARM02	+ARMADA 100 S	MENTHOL	100 F	P.M.H.	BERGEN OZ BE FR
CEG06	+CHESTER- FIELD		KS F	P.M.G.	MUNICH AU BE FR NL DB
CEB09	+CHESTER- FIELD	FILTER	LS F	PM-BRAZIL	CURITIBA RL CY
CER07	+CHESTER- FIELD	NON FILTER	REG NF	CONTR.MAN	LAURENS NL BE
CEK06	+CHESTER- FIELD KS	NON FILTER	KS NF	CONTR.MAN	LAURENS FR IT
CON01	+CONGRESS		LS F	PM-BRAZIL	CURITIBA GA PL SU
LMB18	+L & M		LS F	FTR-O	SERRIERES SU RU
LMN03	+L & M		LS F	PM-BRAZIL	CURITIBA MU GA PL SU
LMY01	+L & M		KS F	P.M.G.	MUNICH NL BE GR
LMO01	+L & M FULL	FLAVOR	KS F	FTR-O	SERRIERES CH NO
LMK20	+L & M KING SIZE		KS F	PM-BRAZIL	CURITIBA CY PL
LAG01	+LARK		KS F	P.M.G.	MUNICH IT CH
MLB15	+MARLBORO K.S.		KS F	P.M.B.	IXELLES FR BE IT
MLB20	+MARLBORO KING SIZE		KS F	P.M.H.	BERGEN OZ FR NL BE
MLK15	+MARLBORO KING SIZE		KS F	FTR-O	SERRIERES CH NO SW
MLK40	+MARLBORO KING SIZE		KS F	P.M.G.	BERLIN FR BE
MLK40	+MARLBORO KING SIZE		KS F	P.M.G.	MUNICH FR BE DK
MLX01	+MARLBORO LIGHTS		KS F	P.M.H.	BERGEN OZ FR BE NL
MLX05	+MARLBORO LIGHTS		KS F	P.M.G.	MUNICH DK IT
MLX30	+MARLBORO LIGHTS		KS F	FTR-O	SERRIERES CH SU
MLY04	+MARLBORO LIGHTS		KS F	FTR-O	SERRIERES SW NO
MHX06	+MARLBORO LIGHTS 100'S		100 F	P.M.H.	BERGEN OZ NL BE FR
MHX13	+MARLBORO LIGHTS 100'S		100 F	FTR-O	SERRIERES CH HU
MLI03	+MARLBORO MENTHOL LIGHTS		KS F	FTR-O	SERRIERES NO SW
MLI05	+MARLBORO MENTHOL LIGHTS		KS F	P.M.G.	MUNICH FR NL
MHC06	+MARLBORO 100'S		100 F	P.M.G.	MUNICH DK GR AU
MLH01	+MARLBORO 100'S		100 F	P.M.H.	BERGEN OZ FR BE NL
MLH04	+MARLBORO 100'S		100 F	FTR-O	SERRIERES CH SW
MER13	+MERIT		KS F	FTR-O	SERRIERES CH NO SW
MER14	+MERIT		KS F	P.M.G.	MUNICH DB FR
MER20	+MERIT		KS F	P.M.H.	BERGEN OZ BE NL

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LISTING OF THE BRANDS

CODE	BRAND NAME	SIZE	MANUFACT.	PROD.CENTER	COUNTRIES OF SALE
MPH15	+MULTI-FILTER 100'S	100 F	P.M.G.	MUNICH	FR CC
MAJ03	+MURATTI AMBASSADOR	KS F	P.M.B.	IXELLES	FR NL IT GR
MAC14	+MURATTI AMBASSADOR EXTRA M.	KS F	P.M.B.	IXELLES	FR IT
MAK05	+MURATTI AMBASSADOR KING SIZE	KS F	FTR-O	SERRIERES	MA HU
PML02	+PHILIP MORRIS LIGHTS	KS F	P.M.B.	IXELLES	BE NL
PML04	+PHILIP MORRIS LIGHTS	KS F	P.M.H.	BERGEN OZ	FR CC
PMM04	+PHILIP MORRIS MULTIFILT.	KS F	FTR-O	SERRIERES	NO SW
PMS01	+PHILIP MORRIS SUPER L.	KS F	P.M.G.	MUNICH	FR CC
PMS03	+PHILIP MORRIS SUPER L.	KS F	FTR-O	SERRIERES	CH MA
PMS06	+PHILIP MORRIS SUPER L.	KS F	P.M.H.	BERGEN OZ	NL BE GR
PMS09	+PHILIP MORRIS SUPER L.	KS F	FTR-O	SERRIERES	SI KW
PMU08	+PHILIP MORRIS ULTRA LGTS	KS F	P.M.G.	MUNICH	FR NL BE
PHS02	+PHILIP MORRIS 100 SUPER L.	100 F	P.M.H.	BERGEN OZ	FR BE
RAH05	+RAFFLES 100'S	100 F	LICENSEE	CARROLL	NL CH IT EI

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ABBREVIATIONS USED IN THE C. I. R.

LOGICAL ORDER

CRITERIA ANALYSED

CO Carbon monoxide
 DPM Dry Particulate Matter
 H₂O Water
 NO Nitrogen monoxide
 O.V. Oven Volatiles
 RTD Resistance to Draw
 SN Smoke Nicotine
 TAR Tar = (TPM - H₂O - SN)
 TPM Total Particulate Matter

UNITS

g Gram
 km Kilometer
 mg Milligram
 min Minute
 ml Milliliter
 mm Millimeter
 m² Square meter
 sec Second
 No. Number

CIGARETTE TYPES

F Filter
 KS King Size (approx. 85 mm)
 LS Long Size (approx. 80 mm)
 LTK Longer than King Size (approx. 90 mm)
 NF Non-Filter (plain)
 REG Regular size (approx. 70 mm)

PACKET TYPES

Soft N Soft, no overwrap
 Soft+0 Soft, with overwrap
 SS +0 Shell/Slide, with overwrap
 SS N Shell/Slide, no overwrap
 HL Hinge Lid
 Princ Princess HL
 SH+Var Shoulder, Various cardboard

VENTILATION SYSTEM (cig. paper)
(criterion 28, 4 pos.)

EP Electrically-Perforated
 MP Mechanically-Perforated
 LZ Laser-perforated line(s) along the cigarette
 VZ Ventilation Zone: 1-4 circular perforation lines, usually near the filter
 EPLZ EP and LZ combined

FILTER TYPE
(Criterion 59, 8 pos.)

D Dual
 DR Double Recessed
 FFD Dual Flush Fluted
 FFT Triple Flush Fluted
 FFS Single Flush Fluted
 HGF Double cross fibre, with normal appearance at mouth end
 NWA Non-Wrapped filter rod
 PFC Single short fibres
 PSP Plug Space Plug
 S Single
 SCS Single Cross fibre with hole at mouth end
 SWR Single White Recessed
 T Triple

TIPPING PAPER TYPE
(Criterion 55, 8 pos.)

IC Imitation cork
 ICD Imitation cork with decoration (eg. circular gold lines)
 BK Black
 BR Brown
 RD Red
 PK Pink
 YW Yellow
 GN Green
 VT Violet
 BL Blue
 GR Grey
 WH White
 GD Gold
 SR Silver
 OR Orange
 BE Beige

Each line smaller than 5 mm wide will be considered as a decoration.
 If the name of the brand is indicated on the tipping, the letter L will be added to the abbreviations.
 eg. WHGRDL: White - Grey + Decoration + letters
 WHD: White + Decoration

ADDITIVE TYPE (FILTER)
(Criterion 63, 8 pos.)

AC Activated Charcoal
 ACRE Activated Charcoal and Regenerated Earth
 PG Polygel
 RE Regenerated Earth

VARIOUS

PR Product Report
 FM Filter Material
 FA Filter Additive

FILTER MATERIAL
(Criterion 60, 4 pos.)

CA Cellulose Acetate
 CAP Cellulose Acetate and Paper
 P Paper

SIGNS

+ PM brand
 = PME specification
 () Converted value
 * Comments
 ** Number printed on the packet
 < Smaller than
 > Greater than

TIPPING PERFORATION TYPE
(Criterion 18, 8 pos.)

EPZ Electrically-Perforated Zone
 MPM Mechanically-Perforated on the Maker
 MPS Mechanically-Perforated by the Supplier
 LPM Laser Perforation on the Maker
 LPS Laser Perforation by the Supplier
 MLPM Micro-Laser Perforation on the Maker (the length of one hole is smaller than 0.5 mm)
 MLPS Micro-Laser Perforation by the Supplier (the length of one hole is smaller than 0.5 mm)
 POR Porous
 MLPS/M MLPS and MLPM combined
 MSLP Micro-Spray Laser Perforation by the Supplier

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